

Converting Colors

YUV(229.6410, -5.7390,
-25.9952)

Have a look what the booklet for
YUV(229.6410, -5.7390, -25.9952)
contains.

YUV(229.6410, -5.7390, -25.9952)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(229.6410, -5.7390,
-25.9952)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F7DA
RGB	200, 247, 218
RGB Percent	78%, 97%, 85%
CMY	0.2157, 0.0314, 0.1451
CMYK	0.19, 0.00, 0.12, 0.03
HSL	143°, 75%, 88%
HSV	143°, 19%, 97%
XYZ	69.7351, 83.8628, 78.8414
YIQ	229.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

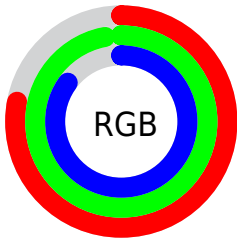
Format	Color
R_{YB}	200, 234, 247
Decimal	13170650
CIE _{Lab}	93.39, -20.55, 9.01
CIE _{LCh}	93, 22.438, 156.325
Yxy	83.8628, 0.3000, 0.3608
Android (android.graphics.Color)	4291360730 (0xFFC8F7DA)
YUV	229.6410, -5.7390, -25.9952
Hunter-Lab	91.5767, -24.3325, 13.0589

Details

The YUV color $229.6410, -5.7390, -25.9952$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $217.3590, 5.7390, 25.9952$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.0540, -5.4496, -25.4804$ is the 20% darker color. If you saturate the color by 10%, you get $220.4560, -8.6058, -39.8649$, and if you desaturate by 10%, it is $238.8260, -2.8722, -12.1254$.

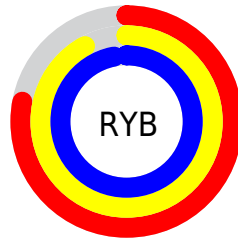
Distribution



Red (78%)

Green (97%)

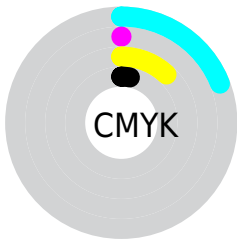
Blue (85%)



Red (78%)

Yellow (92%)

Blue (97%)

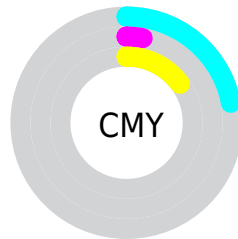


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (3%)



Cyan (22%)

Magenta (3%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.6410, -5.7390, -25.9952 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 229.6410, -5.7390, -25.9952 by changing the saturation by 10% instead.

■ 229.6410, -5.7390,
-25.9952

■ 229.6410, -5.7390,
-25.9952

255.0000, 0.0000,
0.0000

■ 201.0540, -5.4496,
-25.4804

■ 174.0540, -5.4496,
-25.4804

■ 146.8800, -4.8708,
-24.4508

■ 121.1790, -5.0182,
-23.8360

■ 95.7060, -4.2921,
-23.4212

■ 71.8200, -3.8553,
-23.5211

■ 48.3470, -3.1291,

-23.1063

■ 26.4610, -2.6923,
-23.2063

■ 11.7400, -5.7878,
-10.2960

■ 229.6410, -5.7390,
-25.9952

■ 229.6410, -5.7390,
-25.9952

■ 220.4560, -8.6058,
-39.8649

■ 238.8260, -2.8722,
-12.1254

■ 211.5700,
-11.6200, -53.1199

■ 247.7120, 0.1420,
1.1296

■ 202.2710,
-14.9236, -66.8897

■ 250.3040, 2.3151,
4.1184

■ 193.0860,
-17.7904, -80.7594

■ 184.2000,
-20.8046, -94.0144

■ 175.0150,
-23.6714, -107.8842

■ 165.7160,
-26.9750, -121.6539

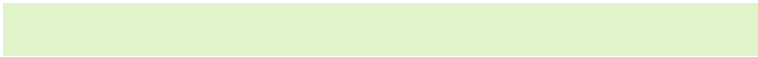
■ 156.5310,
-29.8418, -135.5237

■ 155.8190,
-29.9838, -136.6533

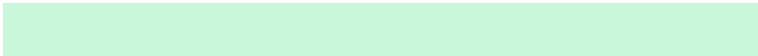
Harmonies

Analogous

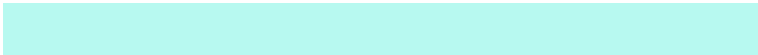
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5310, -15.5448, -7.4817



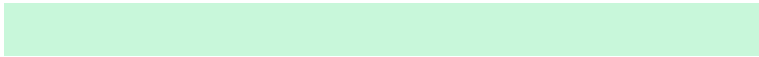
229.6410, -5.7390, -25.9952



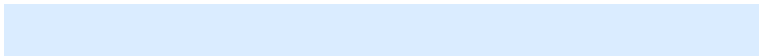
228.2400, 5.7977, -39.6755

Triad

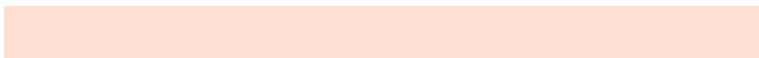
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.6410, -5.7390, -25.9952



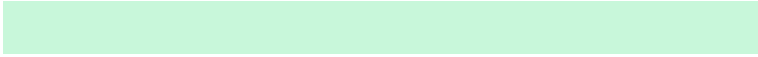
232.7840, 10.9525, -12.9656



231.2000, -9.9586, 20.8726

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



229.6410, -5.7390, -25.9952



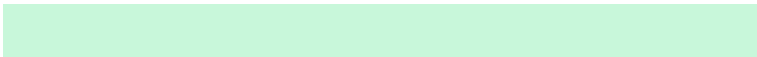
217.3590, 5.7390, 25.9952

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.4200, -0.2071, 19.8027



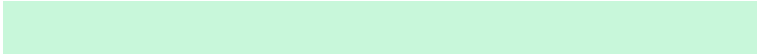
229.6410, -5.7390, -25.9952



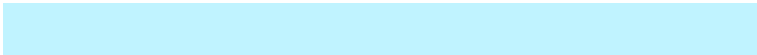
237.0470, 8.8508, 7.8518

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.6410, -5.7390, -25.9952



229.1190, 12.7593, -32.5534



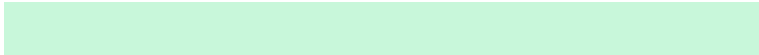
236.1020, 8.8237, 16.5735



233.1260, -17.8101, 19.1835

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.6410, -5.7390, -25.9952



227.7540, 12.9393, -43.6343



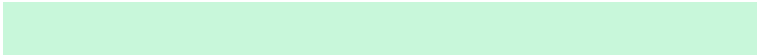
236.1020, 8.8237, 16.5735



231.4110, -6.6116, 20.6876

Sweetspot

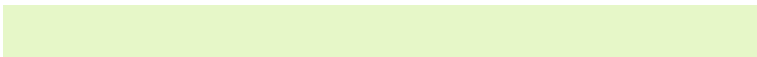
The Sweet Spot groups the original color and five complimentary colors.



229.6410, -5.7390, -25.9952



249.4890, -1.7201, -8.3219



236.5590, -18.0236, -5.7522



124.6250, -1.2941, -4.9331



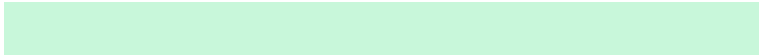
0.0000, 0.0000, 0.0000



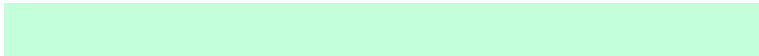
128.0000, 0.0000, 0.0000

Same Dimension

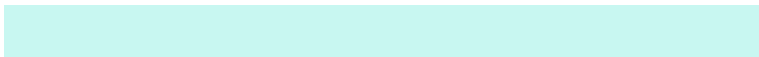
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.6410, -5.7390, -25.9952



233.2550, -7.0277, -32.6726



232.2630, 4.3073, -28.2947



117.6140, -1.2887, -6.6775



117.2760, -22.8141, -102.8511



37.1410, -7.4645, -32.5727

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



217.3590, 5.7390, 25.9952



217.8590, 7.4645, 32.5727



214.7370, -4.3073, 28.2947



114.5000, 1.7255, 6.5775



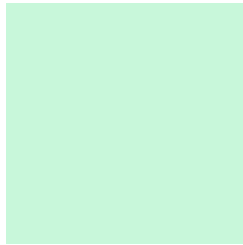
68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 229.6410, -5.7390, -25.9952 looks on a white background.

Color Contrast Check

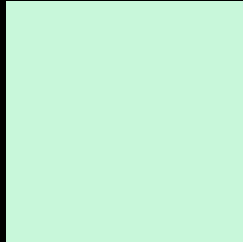
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 229.6410, -5.7390, -25.9952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

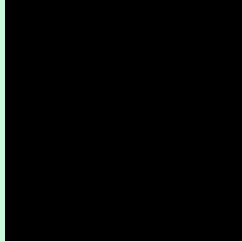
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

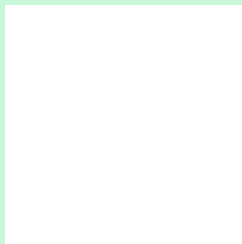
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.6410, -5.7390, -25.9952 Background



This preview shows how black text looks on a background with the YUV color 229.6410, -5.7390, -25.9952.



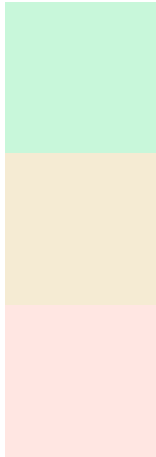
This preview shows how white text looks on a background with the YUV color 229.6410, -5.7390,

-25.9952.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

229.6410, -5.7390, -25.9952

Protanopia

235.2540, -11.9572, 8.5472

Deuteranopia

237.0190, -5.4324, 15.7693



Tritanopia

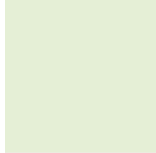
233.9360, 10.3846, -17.4839

Trichromacy



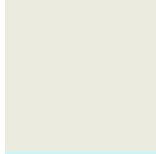
Original Color

229.6410, -5.7390, -25.9952



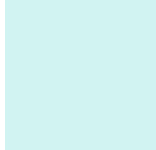
Protanomaly

233.1600, -9.4459, -3.6483



Deuteranomaly

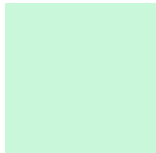
234.2190, -5.5310, 0.6849



Tritanomaly

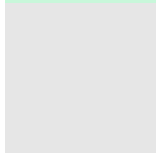
232.7200, 4.5750, -20.8024

Monochromacy



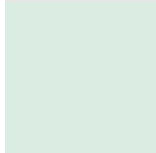
Original Color

229.6410, -5.7390, -25.9952



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

229.7770, -1.8621, -9.4514

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.6410, -5.7390, -25.9952 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 247, 218)` looks like.

```
.text, #text, p{  
    color:rgb(200, 247, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 247, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 247, 218) }
```

Border

The CSS property to change the border of an element to YUV 229.6410, -5.7390, -25.9952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 247, 218) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 247, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 247, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 247, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 247, 218);  
box-shadow:4px 4px 4px 4px rgb(200, 247,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 229.6410, -5.7390, -25.9952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 247, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
247, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor