

Converting Colors

YUV(220.4110, -13.5136,
-5.6224)

Have a look what the booklet for
YUV(220.4110, -13.5136, -5.6224)
contains.

YUV(220.4110, -13.5136, -5.6224)	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(220.4110, -13.5136,
-5.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E5C1
RGB	214, 229, 193
RGB Percent	84%, 90%, 76%
CMY	0.1608, 0.1020, 0.2431
CMYK	0.07, 0.00, 0.16, 0.10
HSL	85°, 41%, 83%
HSV	85°, 16%, 90%
XYZ	65.3765, 74.1850, 61.3255
YIQ	220.4110, 2.6160, -14.3760

Conversions

Conversions Part 2

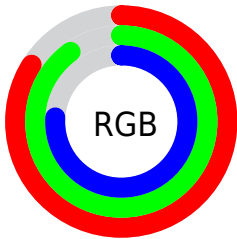
Format	Color
RYB	193, 229, 208
Decimal	14083521
CIELab	89.01, -11.26, 15.88
CIELCh	89, 19.473, 125.341
Yxy	74.1850, 0.3254, 0.3693
Android (android.graphics.Color)	4292273601 (0xFFD6E5C1)
YUV	220.4110, -13.5136, -5.6224
Hunter-Lab	86.1307, -15.2405, 18.0767

Details

The YUV color $220.4110, -13.5136, -5.6224$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $201.5890, 13.5136, 5.6224$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, -2.1840, 0.4999$, and $165.5250, -13.0768, -5.7224$ is the 20% darker color. If you saturate the color by 10%, you get $214.7990, -22.0859, -9.4707$, and if you desaturate by 10%, it is $226.0230, -4.9413, -1.7742$.

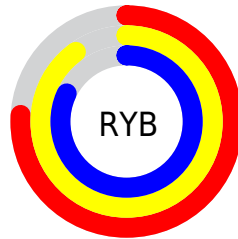
Distribution



Red (84%)

Green (90%)

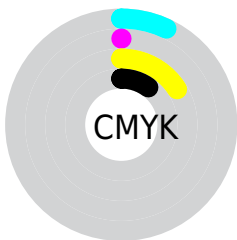
Blue (76%)



Red (76%)

Yellow (90%)

Blue (82%)

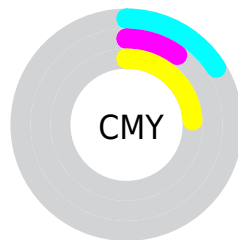


Cyan (7%)

Magenta (0%)

Yellow (16%)

Black (10%)



Cyan (16%)

Magenta (10%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.4110, -13.5136, -5.6224 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 220.4110, -13.5136, -5.6224 by changing the saturation by 10% instead.

■ 220.4110,
-13.5136, -5.6224

■ 220.4110,
-13.5136, -5.6224

255.0000, 0.0000,
0.0000

■ 192.5250,
-13.0768, -5.7224

■ 254.4300, -2.1840,
0.4999

■ 165.5250,
-13.0768, -5.7224

■ 139.0520,
-12.3506, -5.3076

■ 113.1660,
-11.9138, -5.4076

■ 88.6930, -11.1876,
-4.9928

■ 65.6930, -11.1876,
-4.9928

■ 42.9210, -10.3141,

-5.1927

■ 22.7040, -11.1931,
-3.2484

■ 0.0000, 0.0000,
0.0000

■ 220.4110,
-13.5136, -5.6224

■ 220.4110,
-13.5136, -5.6224

■ 214.7990,
-22.0859, -9.4707

■ 226.0230, -4.9413,
-1.7742

■ 209.4860,
-30.8056, -12.7042

■ 231.3360, 3.7784,
1.4593

■ 203.8740,
-39.3779, -16.5525

■ 236.1500, 9.2931,
6.0075

■ 198.5610,
-48.0976, -19.7860

■ 238.8410, 7.9664,
11.5404

■ 192.9490,
-56.6699, -23.6343

■ 239.7380, 7.5242,
13.3848

■ 187.7500,
-64.9527, -26.9677

■ 182.1380,
-73.5250, -30.8160

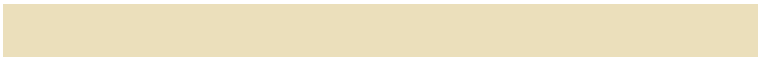
■ 176.8250,
-82.2447, -34.0495

■ 174.4890,
-86.0231, -35.5089

Harmonies

Analogous

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



222.4840, -17.4936, 10.9765



220.4110, -13.5136, -5.6224



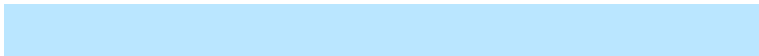
218.1900, -5.0237, -22.0916

Triad

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



220.4110, -13.5136, -5.6224



219.6940, 17.4059, -29.5496



225.2960, -2.1179, 26.0504

Complementary

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



220.4110, -13.5136, -5.6224



201.5890, 13.5136, 5.6224

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.



227.3260, 5.7553, 20.7621



220.4110, -13.5136, -5.6224



222.4510, 16.0467, -13.5505

Square

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



220.4110, -13.5136, -5.6224



216.9120, 13.3544, -36.7568



225.9910, 13.8084, 4.3929



223.8310, -10.2697, 27.3352

Rectangle

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



220.4110, -13.5136, -5.6224



217.1550, 1.4026, -29.9539



225.9910, 13.8084, 4.3929



225.9800, 0.5029, 25.4505

Sweetspot

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



220.4110, -13.5136, -5.6224



252.0230, -4.9413, -1.7742



212.5690, -9.6475, 14.4100



125.8920, -2.9048, -1.6593



0.0000, 0.0000, 0.0000



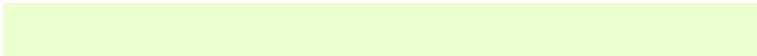
128.0000, 0.0000, 0.0000

Same Dimension

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



220.4110, -13.5136, -5.6224



243.5480, -18.0182, -7.4966



215.3280, -11.0077, -16.0737



112.1370, -4.5045, -1.8741



136.1690, -67.1313, -28.2122



38.9070, -19.1812, -7.8114

Inverse Universe

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



201.5890, 13.5136, 5.6224



218.4520, 18.0182, 7.4966



206.9710, 10.8603, 16.6884



105.8630, 4.5045, 1.8741



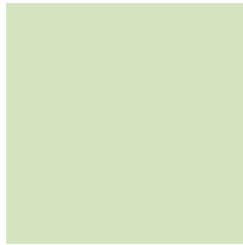
42.5320, 67.2787, 27.5974



12.0930, 19.1812, 7.8114

Previews

White Background



This preview shows how the YUV color 220.4110, -13.5136, -5.6224 looks on a white background.

Color Contrast Check

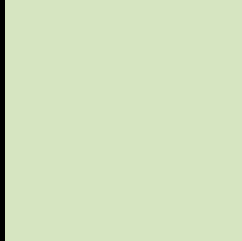
Large Text (above 18pt) WCAG AA × Fail

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 220.4110, -13.5136, -5.6224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

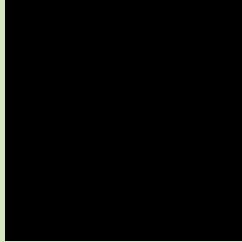
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

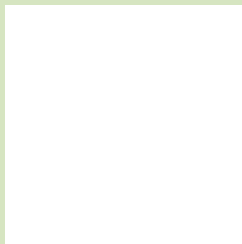
Any Text WCAG AAA ✓ Pass

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

YUV 220.4110, -13.5136, -5.6224 Background



This preview shows how black text looks on a background with the YUV color 220.4110, -13.5136, -5.6224.



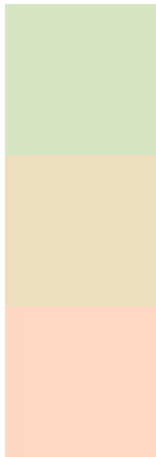
This preview shows how white text looks on a background with the YUV color 220.4110, -13.5136, -5.6224.

-5.6224.

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

220.4110, -13.5136, -5.6224

Protanopia

222.8260, -16.1832, 10.6766

Deuteranopia

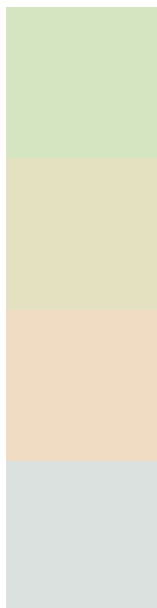
224.7940, -14.1954, 26.4907



Tritanopia

223.7530, 8.0098, -2.4144

Trichromacy



Original Color

220.4110, -13.5136, -5.6224

Protanomaly

221.7220, -15.1459, 4.6288

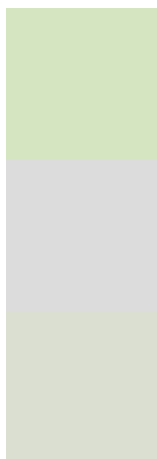
Deuteranomaly

223.1300, -13.8681, 14.7950

Tritanomaly

222.6790, 0.1583, -4.1035

Monochromacy



Original Color

220.4110, -13.5136, -5.6224

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0230, -4.9413, -1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.4110, -13.5136, -5.6224 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(214, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(214, 229, 193)  
}
```

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(214, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 229, 193) }
```

Border

The CSS property to change the border of an element to YUV 220.4110, -13.5136, -5.6224 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(214, 229, 193) }
```


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

```
.border{ border-color:rgb(214, 229, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 229, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 229, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 229, 193);  
box-shadow:4px 4px 4px 4px rgb(214, 229,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 220.4110, -13.5136, -5.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 229, 193) }
```

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

```
.background{ background-color: rgb(214,  
229, 193) }
```

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