

Converting Colors

YUV(236.6630, -5.7499,
-22.5065)

Have a look what the booklet for
YUV(236.6630, -5.7499, -22.5065)
contains.

YUV(236.6630, -5.7499, -22.5065)	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(236.6630, -5.7499,
-22.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FCE1
RGB	211, 252, 225
RGB Percent	83%, 99%, 88%
CMY	0.1725, 0.0118, 0.1176
CMYK	0.16, 0.00, 0.11, 0.01
HSL	140°, 87%, 91%
HSV	140°, 16%, 99%
XYZ	75.2650, 88.9059, 84.4278
YIQ	236.6630, -15.7690, -17.0890

Conversions

Conversions Part 2

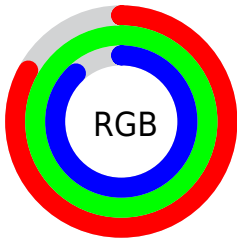
Format	Color
R_{YB}	211, 242, 252
Decimal	13892833
CIE Lab	95.54, -18.20, 8.57
CIE LCh	96, 20.117, 154.780
Yxy	88.9059, 0.3028, 0.3576
Android (android.graphics.Color)	4292082913 (0xFFD3FCE1)
YUV	236.6630, -5.7499, -22.5065
Hunter-Lab	94.2899, -22.5235, 12.9143

Details

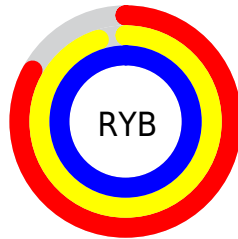
The YUV color $236.6630, -5.7499, -22.5065$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $226.3370, 5.7499, 22.5065$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.4890, -5.1711, -21.4769$ is the 20% darker color. If you saturate the color by 10%, you get $227.2500, -9.4902, -36.1762$, and if you desaturate by 10%, it is $246.0760, -2.0095, -8.8367$.

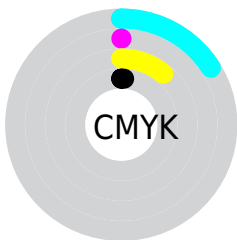
Distribution



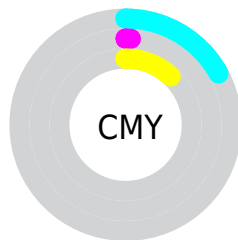
- Red (83%)
- Green (99%)
- Blue (88%)



- Red (83%)
- Yellow (95%)
- Blue (99%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.6630, -5.7499, -22.5065 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 236.6630, -5.7499, -22.5065 by changing the saturation by 10% instead.

 236.6630, -5.7499,
-22.5065

 236.6630, -5.7499,
-22.5065

255.0000, 0.0000,
0.0000


 208.0760, -5.4605,
-21.9917

 180.4890, -5.1711,
-21.4769

 153.7880, -5.3185,
-20.8621

 127.9020, -4.8817,
-20.9621

 102.3150, -4.5923,
-20.4473

 78.0270, -4.4503,
-19.3177

 54.5540, -3.7241,

-18.9029

■ 32.0700, -2.9925,
-20.2324

■ 15.2620, -7.5242,
-13.3848

■ 236.6630, -5.7499,
-22.5065

■ 236.6630, -5.7499,
-22.5065

■ 227.2500, -9.4902,
-36.1762

■ 246.0760, -2.0095,
-8.8367

■ 217.9510,
-12.7938, -49.9460

■ 253.2390, 0.8682,
1.5444

■ 208.2390,
-16.3868, -64.2306

■ 198.9400,
-19.6904, -78.0004

■ 189.5270,
-23.4308, -91.6702

■ 180.1140,
-27.1712, -105.3400

■ 170.8150,
-30.4748, -119.1098

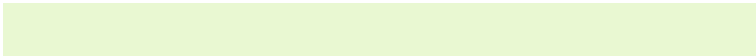
■ 161.1030,
-34.0678, -133.3943

■ 157.7280,
-35.3619, -138.3275

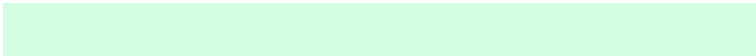
Harmonies

Analogous

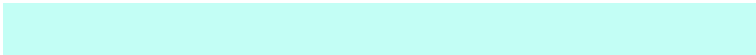
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.1830, -14.3872, -5.4225



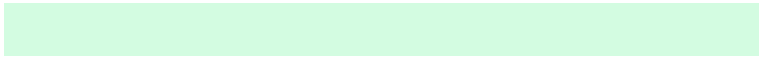
236.6630, -5.7499, -22.5065



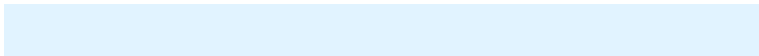
235.3330, 4.7658, -35.3720

Triad

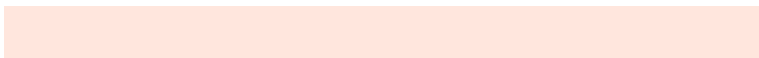
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.6630, -5.7499, -22.5065



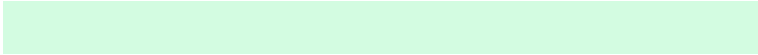
238.9860, 7.8949, -12.2657



236.4490, -7.6164, 16.2692

Complementary

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



236.6630, -5.7499, -22.5065



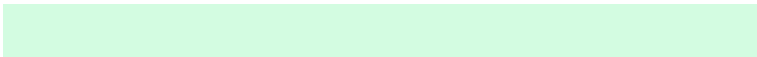
226.3370, 5.7499, 22.5065

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.



238.0280, 0.9722, 14.8844



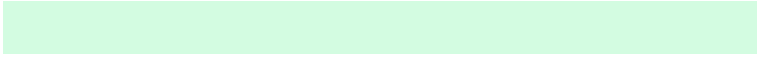
236.6630, -5.7499, -22.5065



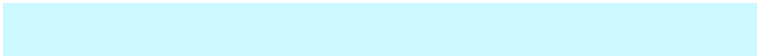
242.3520, 6.2355, 6.7073

Square

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



236.6630, -5.7499, -22.5065



235.9300, 9.4015, -28.8796



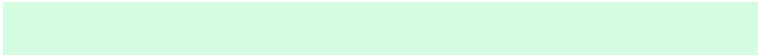
240.9120, 6.9454, 12.3552



237.9020, -14.7417, 14.9949

Rectangle

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



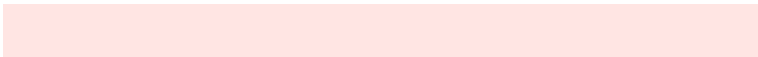
236.6630, -5.7499, -22.5065



234.6900, 10.0128, -38.3161



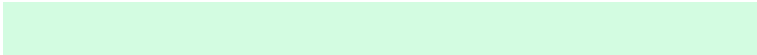
240.9120, 6.9454, 12.3552



236.5460, -4.7062, 16.1842

Sweetspot

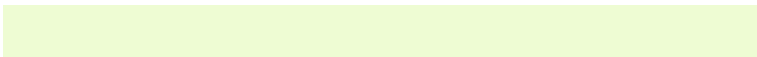
The Sweet Spot groups the original color and five complimentary colors.



236.6630, -5.7499, -22.5065



250.2010, -1.5781, -7.1923



243.1400, -15.8450, -4.5078



124.9240, -1.4415, -4.3183



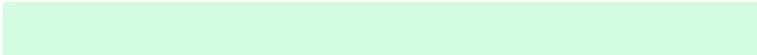
0.0000, 0.0000, 0.0000



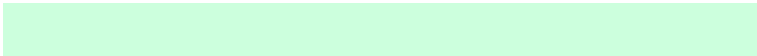
128.0000, 0.0000, 0.0000

Same Dimension

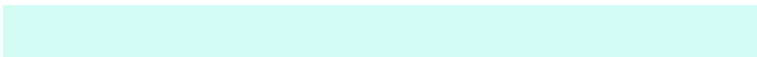
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.6630, -5.7499, -22.5065



235.8750, -7.3334, -27.9544



238.9430, 2.9861, -24.5060



120.2010, -1.5781, -7.1923



118.2390, -26.7398, -103.6956



38.2010, -8.4801, -33.5023

Inverse Universe

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



226.3370, 5.7499, 22.5065



223.1250, 7.3334, 27.9544



224.0570, -2.9861, 24.5060



116.9130, 2.0149, 7.0923



70.6470, 26.3030, 103.7956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 236.6630, -5.7499, -22.5065 looks on a white background.

Color Contrast Check

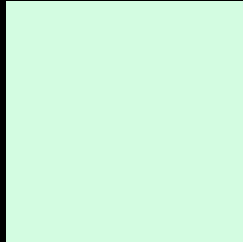
Large Text (above 18pt) WCAG AA × Fail

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 236.6630, -5.7499, -22.5065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

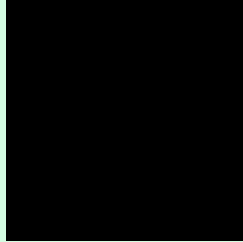
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

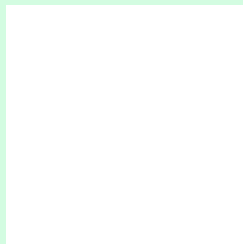
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.6630, -5.7499, -22.5065

Background



This preview shows how black text looks on a background with the YUV color 236.6630, -5.7499, -22.5065.



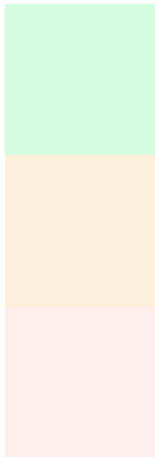
This preview shows how white text looks on a background with the YUV color 236.6630, -5.7499, -22.5065.

-22.5065.

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

236.6630, -5.7499, -22.5065

Protanopia

241.4820, -11.0836, 8.3473

Deuteranopia

242.8550, -3.3795, 10.6512



Tritanopia

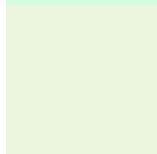
240.7690, 7.0159, -10.3214

Trichromacy



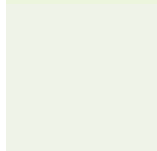
Original Color

236.6630, -5.7499, -22.5065



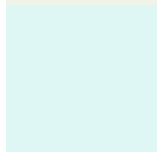
Protanomaly

239.5730, -9.1565, -3.1335



Deuteranomaly

240.5500, -4.2151, -1.3593



Tritanomaly

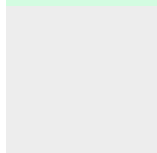
239.1830, 2.3748, -15.0695

Monochromacy



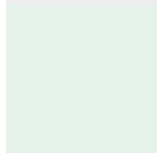
Original Color

236.6630, -5.7499, -22.5065



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

236.7880, -1.8675, -7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6630, -5.7499, -22.5065 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(211, 252, 225)` looks like.

```
.text, #text, p{  
    color:rgb(211, 252, 225)  
}
```

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(211, 252, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 252, 225) }
```

Border

The CSS property to change the border of an element to YUV 236.6630, -5.7499, -22.5065 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(211, 252, 225) }
```


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

```
.border{ border-color:rgb(211, 252, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 252, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 252, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 252, 225); box-shadow:4px 4px 4px 4px rgb(211, 252, 225) }
```

Background

The CSS property to change the background color of an element to YUV 236.6630, -5.7499, -22.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 252, 225) }
```

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

```
.background{ background-color: rgb(211,  
252, 225) }
```

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