

Converting Colors

YUV(163.4610, -25.8633,
35.5527)

Have a look what the booklet for
YUV(163.4610, -25.8633, 35.5527)
contains.

YUV(163.4610, -25.8633, 35.5527)	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(163.4610, -25.8633,
35.5527)**

Conversions

Conversions Part 1

Format	Color
Hex	CC996F
RGB	204, 153, 111
RGB Percent	80%, 60%, 44%
CMY	0.2000, 0.4000, 0.5647
CMYK	0.00, 0.25, 0.46, 0.20
HSL	27°, 48%, 62%
HSV	27°, 46%, 80%
XYZ	39.1623, 36.7675, 20.0717
YIQ	163.4610, 43.8780, -2.2500

Conversions

Conversions Part 2

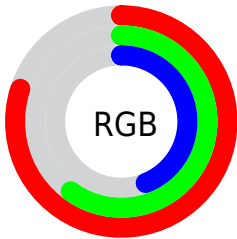
Format	Color
R_{YB}	204, 188, 111
Decimal	13408623
CIE _{Lab}	67.10, 13.86, 29.45
CIE _{LCh}	67, 32.553, 64.799
Yxy	36.7675, 0.4079, 0.3830
Android (android.graphics.Color)	4291598703 (0xFFCC996F)
YUV	163.4610, -25.8633, 35.5527
Hunter-Lab	60.6362, 9.1720, 22.8193

Details

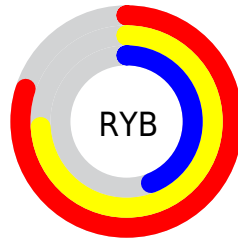
The YUV color **163.4610, -25.8633, 35.5527** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **151.5390, 25.8633, -35.5527**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.3360, -26.2946, 33.9083**, and **111.1940, -24.2526, 32.2789** is the 20% darker color. If you saturate the color by 10%, you get **154.7240, -31.4159, 43.2151**, and if you desaturate by 10%, it is **172.1980, -20.3106, 27.8904**.

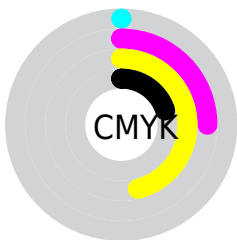
Distribution



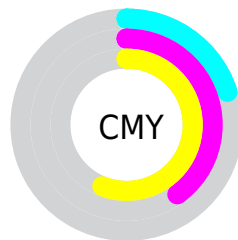
- Red (80%)
- Green (60%)
- Blue (44%)



- Red (80%)
- Yellow (74%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (46%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4610, -25.8633, 35.5527 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 163.4610, -25.8633, 35.5527 by changing the saturation by 10% instead.

■ 163.4610,
-25.8633, 35.5527

■ 163.4610,
-25.8633, 35.5527

■ 255.0000, 0.0000,
0.0000

■ 136.6780,
-24.9843, 33.6084

■ 216.3360,
-26.2946, 33.9083

■ 111.1940,
-24.2526, 32.2789

■ 236.4370,
-22.8934, 16.2798

■ 86.2260, -22.7894,
29.6198

■ 250.7820,
-16.1615, 3.6992

■ 62.4430, -21.9104,
27.6755

■ 254.0880, -3.4944,
0.7998

■ 40.0020, -19.7210,
25.4312

■ 20.4880, -10.1006,
19.7430

■ 1.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 163.4610,
-25.8633, 35.5527

■ 163.4610,
-25.8633, 35.5527

■ 154.7240,
-31.4159, 43.2151

■ 172.1980,
-20.3106, 27.8904

■ 145.8730,
-37.4054, 50.9774

■ 181.0490,
-14.3212, 20.1280

■ 136.5490,
-42.6687, 59.1545

■ 190.3730, -9.0579,
11.9509

■ 127.6980,
-48.6581, 66.9169

■ 199.2240, -3.0684,
4.1886

■ 118.9610,
-54.2108, 74.5792

■ 207.9610, 2.4842,
-3.4738

■ 115.0000,
-56.6950, 78.0530

■ 216.6980, 8.0369,
-11.1361

■ 225.5490, 14.0263,
-18.8985

■ 232.1200, 11.2798,
-24.6612

■ 239.1640, 7.8071,
-30.8388

Harmonies

Analogous

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



164.9430, -16.7339, 47.4080



163.4610, -25.8633, 35.5527



161.1720, -27.6928, 15.6352

Triad

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



163.4610, -25.8633, 35.5527



147.4330, 9.6465, -60.8927



166.1790, 22.0968, 5.9820

Complementary

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



163.4610, -25.8633, 35.5527



151.5390, 25.8633, -35.5527

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.



161.2180, 29.4725, -26.5012



163.4610, -25.8633, 35.5527



144.4710, 25.4038, -74.9581

Square

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



163.4610, -25.8633, 35.5527



153.0050, -7.8905, -35.9614



151.5900, 31.7541, -58.3994



167.6570, 10.5221, 31.8728

Rectangle

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



163.4610, -25.8633, 35.5527



158.8710, -24.5864, -0.7639



151.5900, 31.7541, -58.3994



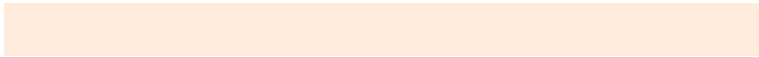
165.2100, 25.0395, -4.5692

Sweetspot

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



163.4610, -25.8633, 35.5527



239.1560, -9.9369, 13.8952



144.6210, 8.5678, 52.0754



118.4480, -6.1369, 8.3771



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.



163.4610, -25.8633, 35.5527



193.8410, -38.8686, 53.6364



190.4630, -39.1753, 11.8719



97.3380, -2.6316, 4.0886



93.6590, -46.1739, 63.4431



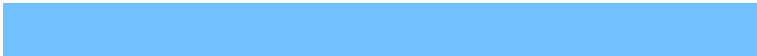
21.3410, -10.5211, 14.6099

Inverse Universe

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



151.5390, 25.8633, -35.5527



176.1590, 38.8686, -53.6364



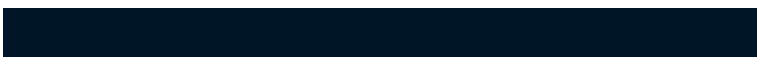
124.5370, 39.1753, -11.8719



96.0750, 2.9210, -3.5738



72.3410, 46.1739, -63.4431



16.6590, 10.5211, -14.6099

Previews

White Background



This preview shows how the YUV color 163.4610, -25.8633, 35.5527 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 163.4610, -25.8633, 35.5527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

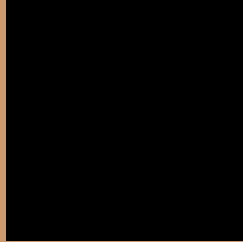
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.4610, -25.8633, 35.5527

Background



This preview shows how black text looks on a background with the YUV color 163.4610, -25.8633, 35.5527.



This preview shows how white text looks on a background with the YUV color 163.4610, -25.8633,

35.5527.

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

163.4610, -25.8633, 35.5527

Protanopia

161.4150, -22.8826, 12.7910

Deuteranopia

163.3030, -26.2784, 28.6753



Tritanopia

166.4930, -4.1870, 36.4016

Trichromacy



Original Color

163.4610, -25.8633, 35.5527

Protanomaly

161.9430, -23.6359, 21.0980

Deuteranomaly

163.6130, -26.4312, 31.0344

Tritanomaly

165.4300, -12.0440, 36.4569

Monochromacy



Original Color

163.4610, -25.8633, 35.5527

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9710, -9.3527, 13.1804

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4610, -25.8633, 35.5527 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(204, 153, 111)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 111)  
}
```

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(204, 153, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 111) }
```

Border

The CSS property to change the border of an element to YUV 163.4610, -25.8633, 35.5527 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(204, 153, 111) }
```


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

```
.border{ border-color:rgb(204, 153, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 111);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 163.4610, -25.8633, 35.5527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 111) }
```

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

```
.background{ background-color: rgb(204,  
153, 111) }
```

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