

Converting Colors

YUV(166.5590, -7.6706,
33.7128)

Have a look what the booklet for
YUV(166.5590, -7.6706, 33.7128)
contains.

YUV(166.5590, -7.6706, 33.7128)	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(166.5590, -7.6706,
33.7128)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9697
RGB	205, 150, 151
RGB Percent	80%, 59%, 59%
CMY	0.1961, 0.4118, 0.4078
CMYK	0.00, 0.27, 0.26, 0.20
HSL	359°, 35%, 70%
HSV	359°, 27%, 80%
XYZ	41.6691, 37.0262, 34.2287
YIQ	166.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

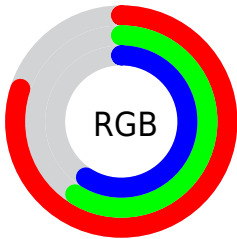
Format	Color
R _Y B	205, 150, 151
Decimal	13473431
CIE Lab	67.30, 20.80, 7.62
CIE LCh	67, 22.152, 20.134
Yxy	37.0262, 0.3690, 0.3279
Android (android.graphics.Color)	4291663511 (0xFFCD9697)
YUV	166.5590, -7.6706, 33.7128
Hunter-Lab	60.8492, 15.7496, 9.2427

Details

The YUV color **166.5590, -7.6706, 33.7128** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **188.4410, 7.6706, -33.7128**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3630, -7.0810, 31.2536**, and **114.3630, -7.0810, 31.2536** is the 20% darker color. If you saturate the color by 10%, you get **152.5390, -10.6187, 46.0083**, and if you desaturate by 10%, it is **181.1660, -5.0118, 20.9024**.

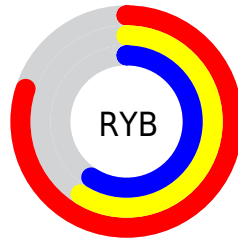
Distribution



Red (80%)

Green (59%)

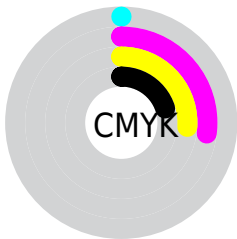
Blue (59%)



Red (80%)

Yellow (59%)

Blue (59%)

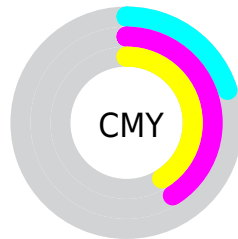


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5590, -7.6706, 33.7128 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 166.5590, -7.6706, 33.7128 by changing the saturation by 10% instead.

 166.5590, -7.6706,
33.7128

 166.5590, -7.6706,
33.7128


255.0000, 0.0000,
0.0000


 139.9610, -7.3758,
32.4832


 219.3630, -7.0810,
31.2536


 114.3630, -7.0810,
31.2536

 239.5780, -3.2430,
13.5251

 89.4660, -6.6387,
29.4093

 65.0960, -5.4703,
27.9798

 42.1990, -5.0281,
26.1355

 19.4870, -5.1701,
25.0059

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 166.5590, -7.6706,
33.7128

■ 166.5590, -7.6706,
33.7128

■ 152.5390,
-10.6187, 46.0083

■ 181.1660, -5.0118,
20.9024

■ 137.9320,
-13.2775, 58.8186

■ 195.1860, -2.0637,
8.6069

■ 123.9120,
-16.2256, 71.1142

■ 209.7930, 0.5951,
-4.2035

■ 109.1910,
-19.3212, 84.0245

■ 223.9270, 3.9800,
-16.5990

■ 95.1710, -22.2693,
96.3200

■ 238.5340, 6.6387,
-29.4093

■ 80.5640, -24.9281,
109.1304

■ 240.0500, 7.3704,
-30.7388

■ 66.5440, -27.8762,
121.4259

■ 61.7510, -28.4712,
125.6294

Harmonies

Analogous

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



167.3440, 1.8024, 28.6393



166.5590, -7.6706, 33.7128



165.1750, -15.3693, 29.6645

Triad

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



166.5590, -7.6706, 33.7128



159.1540, -10.4289, -15.0441



160.9270, 20.7420, -26.2460

Complementary

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



166.5590, -7.6706, 33.7128



188.4410, 7.6706, -33.7128

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.



156.8560, 18.3120, -40.2157



166.5590, -7.6706, 33.7128



156.6880, -0.3392, -31.2984

Square

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



166.5590, -7.6706, 33.7128



161.7280, -17.6139, 2.8695



155.1950, 10.7499, -41.3900



164.6630, 17.9141, -5.8435

Rectangle

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



166.5590, -7.6706, 33.7128



164.3330, -18.4052, 23.3870



155.1950, 10.7499, -41.3900



159.4810, 20.4689, -31.9938

Sweetspot

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



166.5590, -7.6706, 33.7128



240.9800, -2.9481, 12.2955



172.1170, 16.2113, 27.0844



118.8870, -1.9163, 7.9921



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.



166.5590, -7.6706, 33.7128



197.7460, -11.2138, 50.2118



181.7070, -15.6316, 20.4280



94.9900, -1.4741, 6.1478



49.9760, -23.1592, 101.7530



11.4760, -5.1647, 23.2615

Inverse Universe

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



166.5590, -7.6706, 33.7128



197.7460, -11.2138, 50.2118



173.2930, 15.6316, -20.4280



94.9900, -1.4741, 6.1478



49.9760, -23.1592, 101.7530



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 166.5590, -7.6706, 33.7128 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 166.5590, -7.6706, 33.7128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

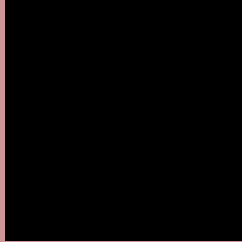
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.5590, -7.6706, 33.7128

Background



This preview shows how black text looks on a background with the YUV color 166.5590, -7.6706, 33.7128.



This preview shows how white text looks on a background with the YUV color 166.5590, -7.6706,

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

166.5590, -7.6706, 33.7128

Protanopia

163.9250, -2.9210, 3.5738

Deuteranopia

165.0470, -7.9112, 17.4988



Tritanopia

167.2970, -3.5974, 33.9425

Trichromacy



Original Color

166.5590, -7.6706, 33.7128

Protanomaly

164.5350, -4.7008, 14.4398

Deuteranomaly

165.4930, -7.6380, 23.2466

Tritanomaly

166.9550, -4.9078, 34.2425

Monochromacy



Original Color

166.5590, -7.6706, 33.7128

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9800, -2.9481, 12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5590, -7.6706, 33.7128 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(205, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(205, 150, 151)  
}
```

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(205, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 150, 151) }
```

Border

The CSS property to change the border of an element to YUV 166.5590, -7.6706, 33.7128 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(205, 150, 151) }
```


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

```
.border{ border-color:rgb(205, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(205, 150,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 166.5590, -7.6706, 33.7128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 150, 151) }
```

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

```
.background{ background-color: rgb(205,  
150, 151) }
```

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