

Converting Colors

YUV(164.2450, -11.4598,
35.7421)

Have a look what the booklet for
YUV(164.2450, -11.4598, 35.7421)
contains.

YUV(164.2450, -11.4598, 35.7421)	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(164.2450, -11.4598,
35.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	CD948D
RGB	205, 148, 141
RGB Percent	80%, 58%, 55%
CMY	0.1961, 0.4196, 0.4471
CMYK	0.00, 0.28, 0.31, 0.20
HSL	7°, 39%, 68%
HSV	7°, 31%, 80%
XYZ	40.5745, 36.0820, 30.0253
YIQ	164.2450, 36.2190, 9.9070

Conversions

Conversions Part 2

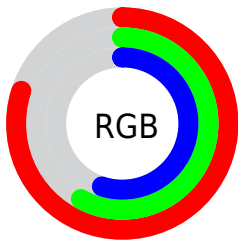
Format	Color
R_{YB}	205, 149, 141
Decimal	13472909
CIE _{Lab}	66.58, 20.52, 12.21
CIE _{LCh}	67, 23.876, 30.744
Yxy	36.0820, 0.3803, 0.3382
Android (android.graphics.Color)	4291662989 (0xFFCD948D)
YUV	164.2450, -11.4598, 35.7421
Hunter-Lab	60.0683, 15.4522, 12.4115

Details

The YUV color **164.2450, -11.4598, 35.7421** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.7550, 11.4598, -35.7421**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0490, -10.8702, 33.2830**, and **111.8640, -10.2860, 32.5683** is the 20% darker color. If you saturate the color by 10%, you get **151.3990, -14.9867, 47.0081**, and if you desaturate by 10%, it is **177.2050, -7.4961, 24.3762**.

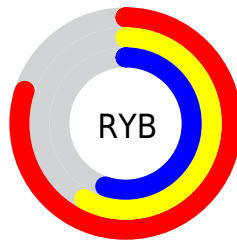
Distribution



Red (80%)

Green (58%)

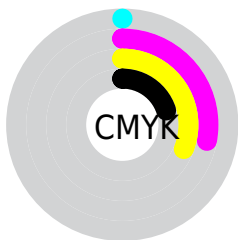
Blue (55%)



Red (80%)

Yellow (58%)

Blue (55%)

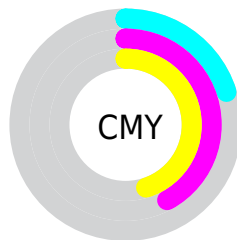


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2450, -11.4598, 35.7421 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 164.2450, -11.4598, 35.7421 by changing the saturation by 10% instead.


 164.2450,
-11.4598, 35.7421


 164.2450,
-11.4598, 35.7421


255.0000, 0.0000,
0.0000

 137.6470,
-11.1650, 34.5126


 217.0490,
-10.8702, 33.2830


 111.8640,
-10.2860, 32.5683


 237.2640, -7.0322,
15.5545

 86.9670, -9.8437,
30.7239

 254.5440, -1.7472,
0.3999

 63.1840, -8.9647,
28.7796

 40.5150, -7.6489,
26.7353

 17.2870, -8.5225,
26.9353

 4.1860, -2.0637,

8.6069

■ 0.0000, 0.0000,
0.0000

■ 164.2450,
-11.4598, 35.7421

■ 164.2450,
-11.4598, 35.7421

■ 151.3990,
-14.9867, 47.0081

■ 177.2050, -7.4961,
24.3762

■ 137.8520,
-18.6610, 58.8888

■ 190.6380, -4.2585,
12.5955

■ 125.0060,
-22.1880, 70.1547

■ 203.5980, -0.2948,
1.2296

■ 112.0460,
-26.1517, 81.5207

■ 216.4440, 3.2321,
-10.0364

■ 99.2000, -29.6786,
92.7866

■ 229.2900, 6.7590,
-21.3023

■ 85.6530, -33.3529,
104.6673

■ 240.0500, 7.3704,
-30.7388

■ 74.2090, -36.5850,
114.7037

Harmonies

Analogous

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



165.1660, -1.5608, 34.0574



164.2450, -11.4598, 35.7421



162.9530, -18.7108, 28.1052

Triad

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



164.2450, -11.4598, 35.7421



155.4950, -7.6390, -23.2361



160.1880, 21.5993, -21.2129

Complementary

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



164.2450, -11.4598, 35.7421



181.7550, 11.4598, -35.7421

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.



155.3660, 21.5116, -39.7860



164.2450, -11.4598, 35.7421



152.8980, 4.4873, -39.3755

Square

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



164.2450, -11.4598, 35.7421



158.3250, -16.4292, -3.7930



152.0140, 15.2761, -46.4933



163.8920, 17.3082, 1.8487

Rectangle

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



164.2450, -11.4598, 35.7421



161.4420, -20.4309, 19.7834



152.0140, 15.2761, -46.4933



158.6710, 22.3472, -27.7755

Sweetspot

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



164.2450, -11.4598, 35.7421



240.6380, -4.2585, 12.5955



166.7480, 15.9002, 33.5470



118.6590, -2.7899, 8.1921



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.



164.2450, -11.4598, 35.7421



194.9760, -16.7502, 52.6410



182.4420, -20.4309, 19.7834



95.5770, -1.7635, 5.6330



60.2000, -29.6786, 92.7866



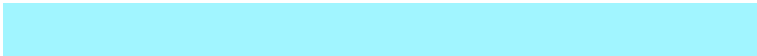
13.7100, -6.7590, 21.3023

Inverse Universe

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



181.7550, 11.4598, -35.7421



221.0240, 16.7502, -52.6410



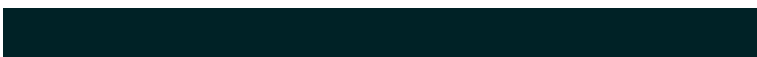
163.5580, 20.4309, -19.7834



98.4230, 1.7635, -5.6330



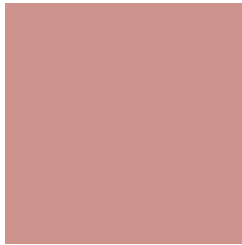
105.8000, 29.6786, -92.7866



24.2900, 6.7590, -21.3023

Previews

White Background



This preview shows how the YUV color 164.2450, -11.4598, 35.7421 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 164.2450, -11.4598, 35.7421 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 164.2450, -11.4598, 35.7421 Background



This preview shows how black text looks on a background with the YUV color 164.2450, -11.4598, 35.7421.



This preview shows how white text looks on a background with the YUV color 164.2450, -11.4598, 35.7421.

35.7421.

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

164.2450, -11.4598, 35.7421

Protanopia

162.1980, -6.9996, 5.0884

Deuteranopia

163.0320, -11.8478, 20.1429



Tritanopia

165.4930, -4.1870, 36.4016

Trichromacy



Original Color

164.2450, -11.4598, 35.7421

Protanomaly

162.8080, -8.7793, 15.9544

Deuteranomaly

163.4780, -11.5747, 25.8908

Tritanomaly

165.0970, -6.9498, 35.8719

Monochromacy



Original Color

164.2450, -11.4598, 35.7421

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0510, -3.9691, 13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2450, -11.4598, 35.7421 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, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(205, 148, 141)  
}
```

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, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 148, 141) }
```

Border

The CSS property to change the border of an element to YUV 164.2450, -11.4598, 35.7421 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, 148, 141) }
```


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

```
.border{ border-color:rgb(205, 148, 141) }
```

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

Here you see how a box with a 4 pixel rgb(205, 148, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(205, 148,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 164.2450, -11.4598, 35.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 148, 141) }
```

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

```
.background{ background-color: rgb(205,  
148, 141) }
```

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