

Converting Colors

YUV(108.7110, -51.6225,
84.4455)

Have a look what the booklet for
YUV(108.7110, -51.6225, 84.4455)
contains.

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Color

**YUV(108.7110, -51.6225,
84.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	CD5004
RGB	205, 80, 4
RGB Percent	80%, 31%, 2%
CMY	0.1961, 0.6863, 0.9843
CMYK	0.00, 0.61, 0.98, 0.20
HSL	23°, 96%, 41%
HSV	23°, 98%, 80%
XYZ	28.0674, 18.7252, 2.2499
YIQ	108.7110, 98.8960, 2.8640

Conversions

Conversions Part 2

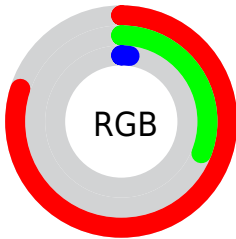
Format	Color
RYB	205, 126, 4
Decimal	13455364
CIELab	50.36, 46.91, 59.54
CIElCh	50, 75.797, 51.768
Yxy	18.7252, 0.5723, 0.3818
Android (android.graphics.Color)	4291645444 (0xFFCD5004)
YUV	108.7110, -51.6225, 84.4455
Hunter-Lab	43.2727, 40.0511, 27.2082

Details

The YUV color **108.7110, -51.6225, 84.4455** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **100.2890, 51.6225, -84.4455**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4980, -48.5595, 82.0013**, and **56.5460, -27.8772, 74.9432** is the 20% darker color. If you saturate the color by 10%, you get **107.0810, -52.7909, 85.8750**, and if you desaturate by 10%, it is **118.6220, -46.6486, 75.7535**.

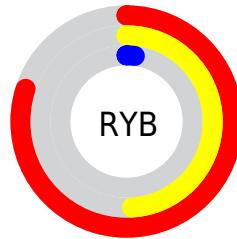
Distribution



Red (80%)

Green (31%)

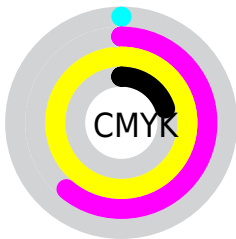
Blue (2%)



Red (80%)

Yellow (49%)

Blue (2%)

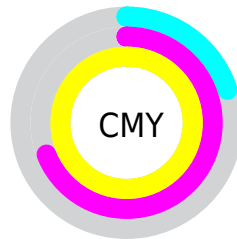


Cyan (0%)

Magenta (61%)

Yellow (98%)

Black (20%)



Cyan (20%)

Magenta (69%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.7110, -51.6225, 84.4455 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 108.7110, -51.6225, 84.4455 by changing the saturation by 10% instead.


 108.7110,
-51.6225, 84.4455

 108.7110,
-51.6225, 84.4455


254.8860, -0.4368,
0.1000


 82.8380, -40.8391,
79.0721


 161.4980,
-48.5595, 82.0013


 56.5460, -27.8772,
74.9432


 180.8980,
-45.3057, 64.9875


 33.4880, -16.5096,
68.8550


 200.2980,
-42.0519, 47.9737

 24.5180, -12.0874,
50.4117

 219.6980,
-38.7981, 30.9599

 16.9720, -7.3812,
34.2276

 239.9130,
-34.9601, 13.2313


 4.1860, -2.0637,
8.6069


 248.3880,


 0.0000, 0.0000,


-25.3343, 5.7987


0.0000

 251.5800,
-13.1039, 2.9993


 108.7110,
-51.6225, 84.4455

 108.7110,
-51.6225, 84.4455

 107.0810,
-52.7909, 85.8750

 118.6220,
-46.6486, 75.7535

 128.0600,
-40.9486, 67.4764

 137.9710,
-35.9747, 58.7844

 147.9960,
-30.5640, 49.9925

 157.9070,
-25.5902, 41.3006

■ 167.3450,
-19.8901, 33.0234

■ 177.2560,
-14.9162, 24.3315

■ 187.2810, -9.5055,
15.5396

■ 197.1920, -4.5317,
6.8476

Harmonies

Analogous

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



100.7290, -11.6984, 112.4937



108.7110, -51.6225, 84.4455



112.9970, -55.7075, 41.2216

Triad

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



108.7110, -51.6225, 84.4455



96.9880, 0.9919, -85.0585



111.1690, 64.0067, -43.1212

Complementary

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



108.7110, -51.6225, 84.4455



100.2890, 51.6225, -84.4455

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.



106.4570, 70.2737, -93.3628



108.7110, -51.6225, 84.4455



105.2130, 29.9680, -92.2718

Square

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



108.7110, -51.6225, 84.4455



85.8450, -29.0106, -75.2861



109.7220, 54.8601, -96.2262



120.1610, 39.8536, 50.7248

Rectangle

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



108.7110, -51.6225, 84.4455



109.8530, -54.1575, 10.6529



109.7220, 54.8601, -96.2262



98.7120, 73.5990, -86.5704

Sweetspot

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



108.7110, -51.6225, 84.4455



219.5620, -19.0111, 31.0791



78.5770, 25.8445, 110.8730



106.4340, -11.5530, 18.9134



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.



108.7110, -51.6225, 84.4455



132.5970, -65.3703, 107.3474



166.2370, -79.9828, 33.9952



97.3380, -2.6316, 4.0886



86.6150, -42.7012, 69.6206



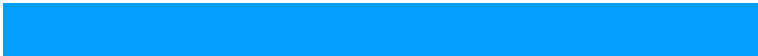
19.5800, -9.6529, 16.1543

Inverse Universe

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



100.2890, 51.6225, -84.4455



122.4030, 65.3703, -107.3474



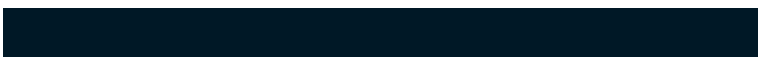
42.7630, 79.9828, -33.9952



96.6620, 2.6316, -4.0886



79.3850, 42.7012, -69.6206



18.4200, 9.6529, -16.1543

Previews

White Background



This preview shows how the YUV color 108.7110, -51.6225, 84.4455 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7110, -51.6225, 84.4455 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 × Fail

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

YUV 108.7110, -51.6225, 84.4455

Background



This preview shows how black text looks on a background with the YUV color 108.7110, -51.6225, 84.4455.



This preview shows how white text looks on a background with the YUV color 108.7110, -51.6225, 84.4455.

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

108.7110, -51.6225, 84.4455

Protanopia

114.0850, -45.8909, 19.2195

Deuteranopia

112.3660, -55.3964, 34.7590



Tritanopia

114.3370, -17.4211, 81.2655

Trichromacy



Original Color

108.7110, -51.6225, 84.4455

Protanomaly

112.0710, -47.8560, 42.9107

Deuteranomaly

111.1170, -54.2877, 52.5174

Tritanomaly

112.1340, -29.6461, 82.3205

Monochromacy



Original Color

108.7110, -51.6225, 84.4455

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.6760, -18.5743, 30.9791

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7110, -51.6225, 84.4455 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, 80, 4)` looks like.

```
.text, #text, p{  
    color:rgb(205, 80, 4)  
}
```

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, 80, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 80, 4) }
```

Border

The CSS property to change the border of an element to YUV 108.7110, -51.6225, 84.4455 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, 80, 4) }
```


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

```
.border{ border-color:rgb(205, 80, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 80, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 80, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 80, 4);  
box-shadow:4px 4px 4px 4px rgb(205, 80, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 108.7110, -51.6225, 84.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 80, 4) }
```

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

```
.background{ background-color: rgb(205, 80,  
4) }
```

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](#).

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