

Converting Colors

YUV(108.8710, -44.3064,
71.1501)

Have a look what the booklet for
YUV(108.8710, -44.3064, 71.1501)
contains.

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Color

**YUV(108.8710, -44.3064,
71.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5513
RGB	190, 85, 19
RGB Percent	75%, 33%, 7%
CMY	0.2549, 0.6667, 0.9255
CMYK	0.00, 0.55, 0.90, 0.25
HSL	23°, 82%, 41%
HSV	23°, 90%, 75%
XYZ	24.6012, 17.4912, 2.6956
YIQ	108.8710, 83.7660, 1.7340

Conversions

Conversions Part 2

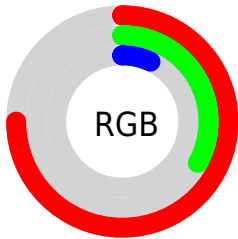
Format	Color
R_{YB}	190, 126, 19
Decimal	12473619
CIE _{Lab}	48.87, 39.02, 53.56
CIE _{LCh}	49, 66.267, 53.924
Yxy	17.4912, 0.5493, 0.3905
Android (android.graphics.Color)	4290663699 (0xFFBE5513)
YUV	108.8710, -44.3064, 71.1501
Hunter-Lab	41.8224, 31.8099, 25.4543

Details

The YUV color **108.8710, -44.3064, 71.1501** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **100.1290, 44.3064, -71.1501**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1600, -45.9279, 77.9127**, and **58.5290, -28.8548, 61.8031** is the 20% darker color. If you saturate the color by 10%, you get **99.6610, -49.1329, 79.2273**, and if you desaturate by 10%, it is **118.0810, -39.4799, 63.0730**.

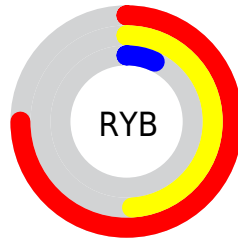
Distribution



Red (75%)

Green (33%)

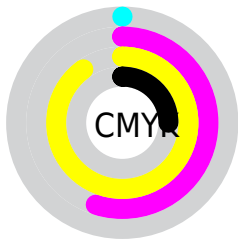
Blue (7%)



Red (75%)

Yellow (49%)

Blue (7%)

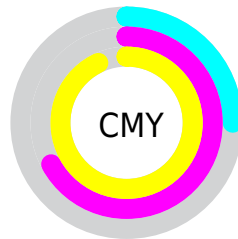


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.8710, -44.3064, 71.1501 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 108.8710, -44.3064, 71.1501 by changing the saturation by 10% instead.

■ 108.8710,
-44.3064, 71.1501

■ 108.8710,
-44.3064, 71.1501

■ 255.0000, 0.0000,
0.0000

■ 82.7610, -40.8012,
66.8616

■ 164.1600,
-45.9279, 77.9127

■ 58.5290, -28.8548,
61.8031

■ 183.4570,
-43.1163, 62.7432

■ 31.3620, -15.4615,
59.3185

■ 202.8570,
-39.8625, 45.7294

■ 20.9300, -10.3185,
43.0344

■ 222.3710,
-36.1719, 28.6156

■ 13.9820, -5.9071,
28.0798

■ 242.4720,
-32.7707, 10.9871

■ 0.0000, 0.0000,
0.0000

■ 249.1860,

-22.2767, 5.0989

252.4920, -9.6096,
2.1995

108.8710,
-44.3064, 71.1501

108.8710,
-44.3064, 71.1501

99.6610, -49.1329,
79.2273

118.0810,
-39.4799, 63.0730

126.7040,
-34.3641, 55.5106

135.9140,
-29.5376, 47.4334

145.1240,
-24.7111, 39.3563

153.7470,
-19.5953, 31.7939

■ 162.9570,
-14.7688, 23.7167

■ 172.1670, -9.9423,
15.6395

■ 180.7900, -4.8265,
8.0772

■ 190.0000, 0.0000,
0.0000

Harmonies

Analogous

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



105.2830, -15.4225, 93.5908



108.8710, -44.3064, 71.1501



109.4200, -53.9441, 35.5887

Triad

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



108.8710, -44.3064, 71.1501



93.8080, 4.0387, -82.2696



113.0160, 52.7431, -23.6930

Complementary

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



108.8710, -44.3064, 71.1501



100.1290, 44.3064, -71.1501

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.



100.6550, 63.2741, -88.2744



108.8710, -44.3064, 71.1501



101.0070, 29.0835, -88.5831

Square

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



108.8710, -44.3064, 71.1501



84.8480, -20.1381, -74.4117



104.0170, 50.7706, -91.2229



117.1900, 32.4443, 47.1914

Rectangle

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



108.8710, -44.3064, 71.1501



106.2980, -52.4049, 8.5087



104.0170, 50.7706, -91.2229



92.6820, 65.7258, -81.2821

Sweetspot

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



108.8710, -44.3064, 71.1501



215.4090, -16.9636, 27.7053



82.0990, 20.6572, 94.6292



105.7650, -10.2371, 16.8691



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



108.8710, -44.3064, 71.1501



129.6180, -63.9017, 102.9440



158.7660, -68.9046, 27.3922



90.0390, -2.4842, 3.4738



83.0490, -40.9432, 65.7320



16.3130, -8.0423, 12.8805

Inverse Universe

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



100.1290, 44.3064, -71.1501



117.3820, 63.9017, -102.9440



50.2340, 68.9046, -27.3922



89.5480, 2.1948, -3.9886



74.9510, 40.9432, -65.7320



14.6870, 8.0423, -12.8805

Previews

White Background



This preview shows how the YUV color 108.8710, -44.3064, 71.1501 looks on a white 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

Black Background



This preview shows how the YUV color 108.8710, -44.3064, 71.1501 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 108.8710, -44.3064, 71.1501 Background



This preview shows how black text looks on a background with the YUV color 108.8710, -44.3064, 71.1501.



This preview shows how white text looks on a background with the YUV color 108.8710, -44.3064, 71.1501.

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

108.8710, -44.3064, 71.1501

Protanopia

110.9260, -41.3755, 17.6049

Deuteranopia

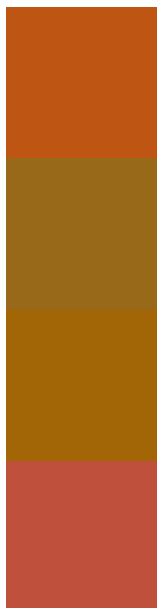
109.4090, -53.9386, 33.8443



Tritanopia

113.3570, -14.4730, 68.9699

Trichromacy



Original Color

108.8710, -44.3064, 71.1501

Protanomaly

109.8190, -42.3088, 36.9927

Deuteranomaly

109.4090, -50.4876, 46.9993

Tritanomaly

111.4960, -25.3875, 69.7250

Monochromacy



Original Color

108.8710, -44.3064, 71.1501

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.6260, -16.0846, 25.7610

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8710, -44.3064, 71.1501 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(190, 85, 19)` looks like.

```
.text, #text, p{  
    color:rgb(190, 85, 19)  
}
```

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(190, 85, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 85, 19) }
```

Border

The CSS property to change the border of an element to YUV 108.8710, -44.3064, 71.1501 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(190, 85, 19) }
```


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

```
.border{ border-color:rgb(190, 85, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 85, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 85, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 85, 19);  
box-shadow:4px 4px 4px 4px rgb(190, 85,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 108.8710, -44.3064, 71.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 85, 19) }
```

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

```
.background{ background-color: rgb(190, 85,  
19) }
```

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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