

Converting Colors

YUV(104.7310, -48.6744,
72.1499)

Have a look what the booklet for
YUV(104.7310, -48.6744, 72.1499)
contains.

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Color

**YUV(104.7310, -48.6744,
72.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5206
RGB	187, 82, 6
RGB Percent	73%, 32%, 2%
CMY	0.2667, 0.6784, 0.9765
CMYK	0.00, 0.56, 0.97, 0.27
HSL	25°, 94%, 38%
HSV	25°, 97%, 73%
XYZ	23.5437, 16.6125, 2.1379
YIQ	104.7310, 86.9760, -1.3760

Conversions

Conversions Part 2

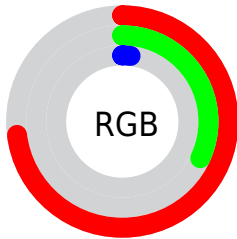
Format	Color
RYB	187, 137, 6
Decimal	12276230
CIELab	47.77, 39.15, 55.99
CIElCh	48, 68.320, 55.036
Yxy	16.6125, 0.5567, 0.3928
Android (android.graphics.Color)	4290466310 (0xFFBB5206)
YUV	104.7310, -48.6744, 72.1499
Hunter-Lab	40.7585, 31.7812, 25.4209

Details

The YUV color **104.7310, -48.6744, 72.1499** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **88.2690, 48.6744, -72.1499**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5900, -48.1119, 78.4126**, and **55.8710, -27.5444, 61.5031** is the 20% darker color. If you saturate the color by 10%, you get **102.2860, -50.4270, 74.2942**, and if you desaturate by 10%, it is **113.3540, -43.5585, 64.5875**.

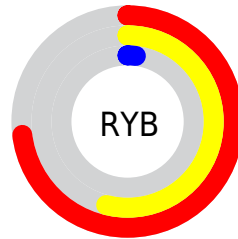
Distribution



Red (73%)

Green (32%)

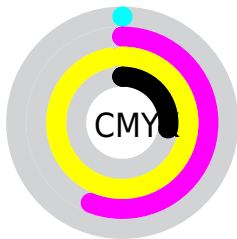
Blue (2%)



Red (73%)

Yellow (54%)

Blue (2%)

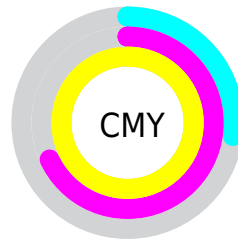


Cyan (0%)

Magenta (56%)

Yellow (97%)

Black (27%)



Cyan (27%)

Magenta (68%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7310, -48.6744, 72.1499 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 104.7310, -48.6744, 72.1499 by changing the saturation by 10% instead.

104.7310,
-48.6744, 72.1499

104.7310,
-48.6744, 72.1499

254.8860, -0.4368,
0.1000

80.1030, -39.4908,
66.5617

160.5900,
-48.1119, 78.4126

55.8710, -27.5444,
61.5031

180.8980,
-45.3057, 64.9875

28.7040, -14.1511,
59.0186

199.7110,
-41.7625, 48.4885

20.0330, -9.8763,
41.1901

219.6980,
-38.7981, 30.9599


12.6720, -5.7543,
25.7207


239.2120,
-35.1075, 13.8461


0.0000, 0.0000,
0.0000


248.2740,


-25.7711, 5.8987


 251.5800,
-13.1039, 2.9993

 104.7310,
-48.6744, 72.1499


 104.7310,
-48.6744, 72.1499


 102.2860,
-50.4270, 74.2942

 113.3540,
-43.5585, 64.5875

 121.8630,
-38.8795, 57.1251

 130.4860,
-33.7636, 49.5628

 138.5220,
-28.3583, 42.5152

 147.0310,
-23.6793, 35.0528

■ 155.6540,
-18.5634, 27.4904

■ 164.2770,
-13.4476, 19.9281

■ 172.9000, -8.3317,
12.3657

■ 181.4090, -3.6526,
4.9033

Harmonies

Analogous

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



100.8920, -15.7228, 96.5647



104.7310, -48.6744, 72.1499



106.7510, -52.6282, 33.5444

Triad

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



104.7310, -48.6744, 72.1499



92.6340, 4.6174, -81.2400



110.2550, 53.6113, -22.1486

Complementary

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



104.7310, -48.6744, 72.1499



88.2690, 48.6744, -72.1499

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.



98.8940, 64.1423, -86.7300



104.7310, -48.6744, 72.1499



99.3600, 30.3885, -87.1387

Square

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



104.7310, -48.6744, 72.1499



82.6310, -21.0171, -72.4674



102.9570, 51.7862, -90.2933



113.6250, 32.7229, 51.1949

Rectangle

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



104.7310, -48.6744, 72.1499



103.6290, -51.0891, 6.4644



102.9570, 51.7862, -90.2933



90.9210, 66.5939, -79.7377

Sweetspot

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



104.7310, -48.6744, 72.1499



209.9530, -18.7108, 28.1052



72.2030, 19.6199, 100.6770



103.1240, -11.4001, 16.5543



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



104.7310, -48.6744, 72.1499



132.2320, -65.1904, 96.2665



157.5610, -74.7196, 25.8180



90.0390, -2.4842, 3.4738



85.9840, -42.3901, 63.1580



16.9000, -8.3317, 12.3657

Inverse Universe

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



88.2690, 48.6744, -72.1499



110.3550, 64.9010, -96.7813



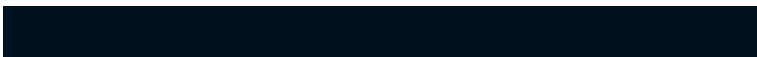
35.4390, 74.7196, -25.8180



88.9610, 2.4842, -3.4738



72.0160, 42.3901, -63.1580



14.1000, 8.3317, -12.3657

Previews

White Background



This preview shows how the YUV color 104.7310, -48.6744, 72.1499 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 104.7310, -48.6744, 72.1499 looks on a black 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

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

YUV 104.7310, -48.6744, 72.1499

Background



This preview shows how black text looks on a background with the YUV color 104.7310, -48.6744, 72.1499.



This preview shows how white text looks on a background with the YUV color 104.7310, -48.6744, 72.1499.

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

104.7310, -48.6744, 72.1499

Protanopia

107.6550, -43.7069, 18.7196

Deuteranopia

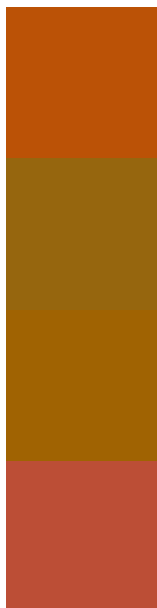
106.4520, -52.4808, 32.9296



Tritanopia

110.3570, -14.4730, 68.9699

Trichromacy



Original Color

104.7310, -48.6744, 72.1499

Protanomaly

106.3200, -45.5138, 38.3074

Deuteranomaly

106.1810, -51.3612, 47.1993

Tritanomaly

108.1540, -26.6979, 70.0249

Monochromacy



Original Color

104.7310, -48.6744, 72.1499

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1700, -17.8318, 26.1609

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7310, -48.6744, 72.1499 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(187, 82, 6)` looks like.

```
.text, #text, p{  
    color:rgb(187, 82, 6)  
}
```

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(187, 82, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 82, 6) }
```

Border

The CSS property to change the border of an element to YUV 104.7310, -48.6744, 72.1499 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(187, 82, 6) }
```


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

```
.border{ border-color:rgb(187, 82, 6) }
```

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

Here you see how a box with a 4 pixel rgb(187, 82, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 82, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 82, 6);  
box-shadow:4px 4px 4px 4px rgb(187, 82, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 104.7310, -48.6744, 72.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 82, 6) }
```

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

```
.background{ background-color: rgb(187, 82,  
6) }
```

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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