

Converting Colors

YUV(48.1980, -13.4086,
54.2004)

Have a look what the booklet for
YUV(48.1980, -13.4086, 54.2004)
contains.

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Color

**YUV(48.1980, -13.4086,
54.2004)**

Conversions

Conversions Part 1

Format	Color
Hex	6E1615
RGB	110, 22, 21
RGB Percent	43%, 9%, 8%
CMY	0.5686, 0.9137, 0.9176
CMYK	0.00, 0.80, 0.81, 0.57
HSL	1°, 68%, 26%
HSV	1°, 81%, 43%
XYZ	6.8527, 3.9430, 1.1094
YIQ	48.1980, 52.7690, 18.3450

Conversions

Conversions Part 2

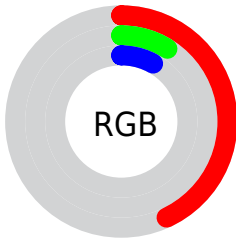
Format	Color
R_{YB}	110, 22, 21
Decimal	7214613
CIE Lab	23.48, 37.92, 24.71
CIE LCh	23, 45.264, 33.093
Yxy	3.9430, 0.5756, 0.3312
Android (android.graphics.Color)	4285404693 (0xFF6E1615)
YUV	48.1980, -13.4086, 54.2004
Hunter-Lab	19.8569, 26.8514, 10.5874

Details

The YUV color **48.1980, -13.4086, 54.2004** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.8020, 13.4086, -54.2004**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6670, -18.0768, 58.1740**, and **16.4450, -8.1074, 33.8127** is the 20% darker color. If you saturate the color by 10%, you get **40.4870, -15.0301, 60.9629**, and if you desaturate by 10%, it is **55.9090, -11.7871, 47.4378**.

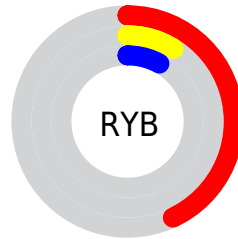
Distribution



Red (43%)

Green (9%)

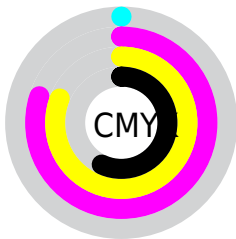
Blue (8%)



Red (43%)

Yellow (9%)

Blue (8%)

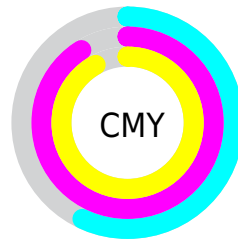


Cyan (0%)

Magenta (80%)

Yellow (81%)

Black (57%)



Cyan (57%)


Magenta (91%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YUV color 48.1980, -13.4086, 54.2004 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 48.1980, -13.4086, 54.2004 by changing the saturation by 10% instead.


 48.1980, -13.4086,
54.2004

 48.1980, -13.4086,
54.2004


 254.0880, -3.4944,
0.7998

 24.8170, -12.2348,
51.0265


 100.6670,
-18.0768, 58.1740


 16.4450, -8.1074,
33.8127

 126.9340,
-19.6875, 61.4479

 6.5780, -3.2430,
13.5251

 154.0160,
-20.7139, 64.0070

 0.0000, 0.0000,
0.0000

 181.0870,
-21.7349, 64.8217

 200.0140,
-17.7549, 48.2227

 219.5280,

-14.0643, 31.1089

■ 239.7430,
-10.2263, 13.3804

■ 48.1980, -13.4086,
54.2004

■ 48.1980, -13.4086,
54.2004

■ 40.4870, -15.0301,
60.9629

■ 55.9090, -11.7871,
47.4378

■ 33.4770, -16.5042,
67.1107

■ 63.6200, -10.1657,
40.6753

■ 71.3310, -8.5442,
33.9127

■ 79.0420, -6.9227,
27.1502

■ 86.1660, -5.0118,
20.9024

■ 93.8770, -3.3904,
14.1399

■ 101.5880, -1.7689,
7.3773

■ 109.2990, -0.1474,
0.6148

■ 117.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



43.4650, 5.1938, 60.9822



48.1980, -13.4086, 54.2004



52.4610, -25.8633, 35.5527

Triad

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



48.1980, -13.4086, 54.2004



42.5380, -9.6322, -37.3058



48.7690, 37.0889, -42.7704

Complementary

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



48.1980, -13.4086, 54.2004



82.8020, 13.4086, -54.2004

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.



52.6670, 31.7162, -46.1890



48.1980, -13.4086, 54.2004



47.8160, 5.5137, -41.9346

Square

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



48.1980, -13.4086, 54.2004



47.1360, -23.2380, -13.2743



51.5780, 19.9280, -45.2339



56.3400, 27.9334, 0.5788

Rectangle

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



48.1980, -13.4086, 54.2004



53.2480, -26.2513, 19.9535



51.5780, 19.9280, -45.2339



51.1170, 35.9313, -44.8296

Sweetspot

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



48.1980, -13.4086, 54.2004



119.1660, -5.0118, 20.9024



57.7570, 25.7558, 45.8171



56.9800, -2.9481, 12.2955



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



48.1980, -13.4086, 54.2004



46.7350, -21.0684, 84.4244



74.0260, -26.1418, 31.5492



52.3810, -1.1738, 3.1739



36.4670, -17.9782, 73.2584



75.6140, -37.2777, 150.3055

Inverse Universe

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



82.8020, 13.4086, -54.2004



100.2650, 21.0684, -84.4244



57.5610, 25.8524, -32.0640



54.2060, 0.8844, -3.6887



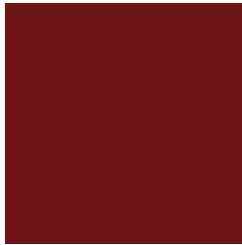
83.5330, 17.9782, -73.2584



171.9730, 36.9883, -150.8203

Previews

White Background



This preview shows how the YUV color 48.1980, -13.4086, 54.2004 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 ✓ Pass

Black 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

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

YUV 48.1980, -13.4086, 54.2004

Background



This preview shows how black text looks on a background with the YUV color 48.1980, -13.4086, 54.2004.

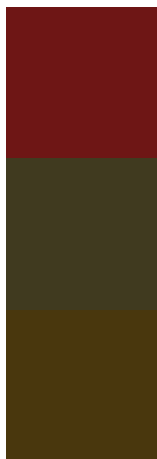


This preview shows how white text looks on a background with the YUV color 48.1980, -13.4086,

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

48.1980, -13.4086, 54.2004

Protanopia

56.7160, -12.6780, 6.3881

Deuteranopia

55.5940, -20.9988, 15.2651



Tritanopia

48.3120, -12.9718, 54.1004

Trichromacy



Original Color

48.1980, -13.4086, 54.2004

Protanomaly

53.7120, -13.1690, 23.9316

Deuteranomaly

52.7790, -18.1320, 29.1348

Tritanomaly

48.3120, -12.9718, 54.1004

Monochromacy



Original Color

48.1980, -13.4086, 54.2004

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.4540, -5.1538, 19.7728

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1980, -13.4086, 54.2004 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(110, 22, 21)` looks like.

```
.text, #text, p{  
    color:rgb(110, 22, 21)  
}
```

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(110, 22, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 22, 21) }
```

Border

The CSS property to change the border of an element to YUV 48.1980, -13.4086, 54.2004 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(110, 22, 21) }
```


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

```
.border{ border-color:rgb(110, 22, 21) }
```

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

Here you see how a box with a 4 pixel rgb(110, 22, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 22, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 22, 21);  
box-shadow:4px 4px 4px 4px rgb(110, 22,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 48.1980, -13.4086, 54.2004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 22, 21) }
```

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

```
.background{ background-color: rgb(110, 22,  
21) }
```

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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