

Converting Colors

YUV(46.1200, -4.9892, 60.4078)

Have a look what the booklet for
YUV(46.1200, -4.9892, 60.4078)
contains.

YUV(46.1200, -4.9892, 60.4078)	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(46.1200, -4.9892,
60.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	730D24
RGB	115, 13, 36
RGB Percent	45%, 5%, 14%
CMY	0.5490, 0.9490, 0.8588
CMYK	0.00, 0.89, 0.69, 0.55
HSL	346°, 80%, 25%
HSV	346°, 89%, 45%
XYZ	7.5326, 4.0601, 2.0557
YIQ	46.1200, 53.4090, 28.7770

Conversions

Conversions Part 2

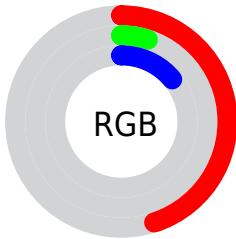
Format	Color
RYB	115, 13, 36
Decimal	7540004
CIELab	23.87, 42.92, 15.48
CIELCh	24, 45.628, 19.838
Yxy	4.0601, 0.5519, 0.2975
Android (android.graphics.Color)	4285730084 (0xFF730D24)
YUV	46.1200, -4.9892, 60.4078
Hunter-Lab	20.1496, 31.4675, 8.0558

Details

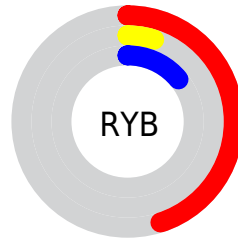
The YUV color **46.1200, -4.9892, 60.4078** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **81.8800, 4.9892, -60.4078**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6380, -10.6675, 61.7075**, and **17.9400, -8.8444, 36.8866** is the 20% darker color. If you saturate the color by 10%, you get **38.0500, -5.4477, 67.4851**, and if you desaturate by 10%, it is **53.6030, -4.2413, 53.8452**.

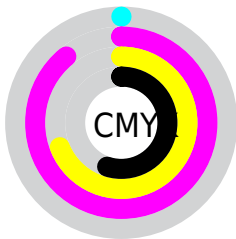
Distribution



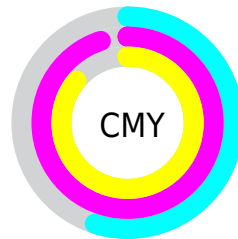
- Red (45%)
- Green (5%)
- Blue (14%)



- Red (45%)
- Yellow (5%)
- Blue (14%)



- Cyan (0%)
- Magenta (89%)
- Yellow (69%)
- Black (55%)



- Cyan (55%)
- Magenta (95%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.1200, -4.9892, 60.4078 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 46.1200, -4.9892, 60.4078 by changing the saturation by 10% instead.

■ 46.1200, -4.9892,
60.4078

■ 46.1200, -4.9892,
60.4078

255.0000, 0.0000,
0.0000

■ 27.7230, -6.2724,
51.9859

■ 101.6380,
-10.6675, 61.7075

■ 17.9400, -8.8444,
36.8866

■ 128.6060,
-12.1308, 64.3665

■ 9.0840, -3.9854,
18.3433

■ 155.6880,
-13.1572, 66.9256

■ 0.0000, 0.0000,
0.0000

■ 181.3780,
-13.0044, 64.5665

■ 200.8920, -9.3138,
47.4527

■ 220.5200, -5.1864,

30.2390

240.1480, -1.0590,
13.0252

46.1200, -4.9892,
60.4078

46.1200, -4.9892,
60.4078

38.0500, -5.4477,
67.4851

53.6030, -4.2413,
53.8452

37.3490, -5.5951,
68.0999

61.6730, -3.7828,
46.7678

69.1560, -3.0349,
40.2052

77.2260, -2.5764,
33.1278

85.2960, -2.1179,
26.0504

■ 92.6650, -1.8068,
19.5878

■ 100.7350, -1.3484,
12.5104

■ 108.2180, -0.6005,
5.9478

■ 116.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



48.2130, 10.7410, 55.0642



46.1200, -4.9892, 60.4078



50.7550, -25.0222, 45.8189

Triad

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



46.1200, -4.9892, 60.4078



40.4860, -17.4946, -35.5062



52.4050, 35.7893, -45.9592

Complementary

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



46.1200, -4.9892, 60.4078



81.8800, 4.9892, -60.4078

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.



53.5160, 27.3536, -46.9335



46.1200, -4.9892, 60.4078



46.6930, -1.3276, -40.9498

Square

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



46.1200, -4.9892, 60.4078



51.3440, -25.3126, -1.1787



50.6830, 13.9603, -44.4490



49.8030, 35.5931, -29.6452

Rectangle

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



46.1200, -4.9892, 60.4078



53.6130, -26.4312, 31.0344



50.6830, 13.9603, -44.4490



53.2370, 33.9002, -46.6888

Sweetspot

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



46.1200, -4.9892, 60.4078



122.9860, -1.9651, 23.6913



47.9500, 33.0557, 37.7549



60.1590, -1.0644, 14.7696



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



46.1200, -4.9892, 60.4078



48.7260, -7.2599, 88.8173



59.3470, -22.8491, 48.8077



54.9080, -0.4476, 3.5887



39.6700, -5.7533, 72.2034



81.1340, -12.3911, 148.0955

Inverse Universe

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



46.1200, -4.9892, 60.4078



48.7260, -7.2599, 88.8173



68.6530, 22.8491, -48.8077



54.9080, -0.4476, 3.5887



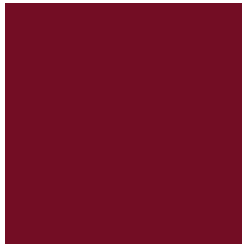
39.6700, -5.7533, 72.2034



81.1340, -12.3911, 148.0955

Previews

White Background



This preview shows how the YUV color 46.1200, -4.9892, 60.4078 looks on a white background.

Color Contrast Check

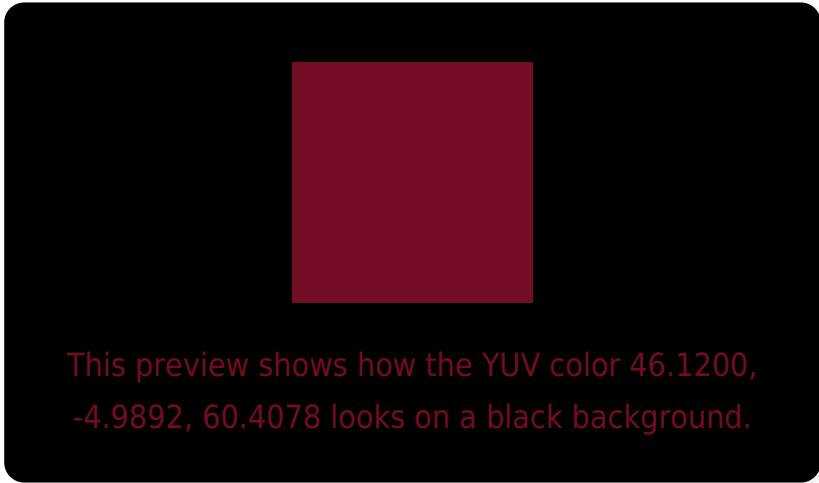
Large Text (above 18pt) WCAG AA ✓ Pass

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

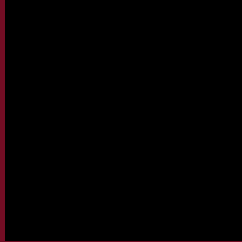
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.1200, -4.9892, 60.4078

Background



This preview shows how black text looks on a background with the YUV color 46.1200, -4.9892, 60.4078.



This preview shows how white text looks on a background with the YUV color 46.1200, -4.9892,

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

46.1200, -4.9892, 60.4078

Protanopia

59.0990, -3.4998, 2.5442

Deuteranopia

58.8200, -13.7153, 12.4359



Tritanopia

46.5900, -14.5879, 59.1186

Trichromacy



Original Color

46.1200, -4.9892, 60.4078

Protanomaly

54.1170, -4.0017, 23.5764

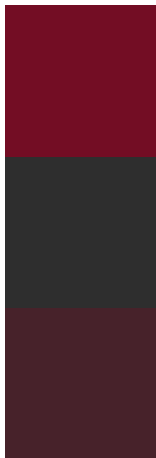
Deuteranomaly

54.1410, -10.4225, 29.6943

Tritanomaly

46.2140, -10.9515, 59.4483

Monochromacy



Original Color

46.1200, -4.9892, 60.4078

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9750, -1.9597, 21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.1200, -4.9892, 60.4078 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(115, 13, 36)` looks like.

```
.text, #text, p{  
    color:rgb(115, 13, 36)  
}
```

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(115, 13, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 13, 36) }
```

Border

The CSS property to change the border of an element to YUV 46.1200, -4.9892, 60.4078 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(115, 13, 36) }
```


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

```
.border{ border-color:rgb(115, 13, 36) }
```

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

Here you see how a box with a 4 pixel rgb(115, 13, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 13, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 13, 36);  
box-shadow:4px 4px 4px 4px rgb(115, 13,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 46.1200, -4.9892, 60.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 13, 36) }
```

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

```
.background{ background-color: rgb(115, 13,  
36) }
```

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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