

Converting Colors

YUV(45.4920, -19.4696,
38.1565)

Have a look what the booklet for
YUV(45.4920, -19.4696, 38.1565)
contains.

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Color

**YUV(45.4920, -19.4696,
38.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	591F06
RGB	89, 31, 6
RGB Percent	35%, 12%, 2%
CMY	0.6510, 0.8784, 0.9765
CMYK	0.00, 0.65, 0.93, 0.65
HSL	18°, 87%, 19%
HSV	18°, 93%, 35%
XYZ	4.6427, 3.1170, 0.5292
YIQ	45.4920, 42.5930, 4.5210

Conversions

Conversions Part 2

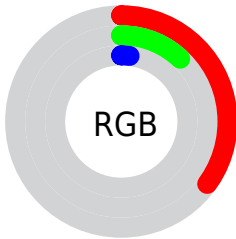
Format	Color
RYB	89, 42, 6
Decimal	5840646
CIELab	20.51, 25.42, 27.79
CIELCh	21, 37.658, 47.548
Yxy	3.1170, 0.5601, 0.3760
Android (android.graphics.Color)	4284030726 (0xFF591F06)
YUV	45.4920, -19.4696, 38.1565
Hunter-Lab	17.6549, 16.0436, 10.5811

Details

The YUV color **45.4920, -19.4696, 38.1565** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **49.5080, 19.4696, -38.1565**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6560, -21.5224, 43.2747**, and **12.0740, -5.4595, 24.4911** is the 20% darker color. If you saturate the color by 10%, you get **42.4600, -20.9328, 40.8156**, and if you desaturate by 10%, it is **50.0400, -17.2747, 34.1679**.

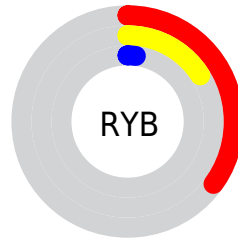
Distribution



Red (35%)

Green (12%)

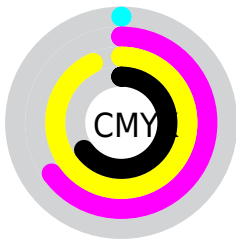
Blue (2%)



Red (35%)

Yellow (16%)

Blue (2%)

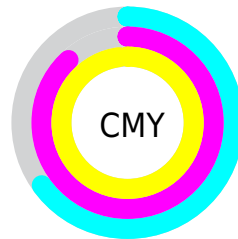


Cyan (0%)

Magenta (65%)

Yellow (93%)

Black (65%)



Cyan (65%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.4920, -19.4696, 38.1565 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 45.4920, -19.4696, 38.1565 by changing the saturation by 10% instead.

■ 45.4920, -19.4696,
38.1565

■ 45.4920, -19.4696,
38.1565

■ 252.3780,
-10.0464, 2.2995

■ 23.2340, -11.4544,
33.9978

■ 94.6560, -21.5224,
43.2747

■ 12.0740, -5.4595,
24.4911

■ 119.7380,
-22.5488, 45.8338

■ 0.0000, 0.0000,
0.0000

■ 146.4070,
-23.8647, 47.8781


■ 173.4890,
-24.8911, 50.4371


■ 199.4780,
-24.8857, 48.6928


■ 218.9920,


-21.1951, 31.5790


 238.6200,
-17.0677, 14.3653


 45.4920, -19.4696,
38.1565


 45.4920, -19.4696,
38.1565


 42.4600, -20.9328,
40.8156

 50.0400, -17.2747,
34.1679

 54.5880, -15.0799,
30.1793

 59.7230, -13.1744,
25.6759

 64.2710, -10.9796,
21.6873

 68.7050, -9.2216,
17.7987

■ 73.2530, -7.0267,
13.8101

■ 78.3880, -5.1213,
9.3067

■ 82.9360, -2.9264,
5.3181

■ 87.4840, -0.7316,
1.3295

Harmonies

Analogous

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



43.5590, -4.2196, 46.8678



45.4920, -19.4696, 38.1565



47.0570, -23.1991, 20.9980

Triad

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



45.4920, -19.4696, 38.1565



40.0250, -1.4913, -35.1019



43.8160, 29.1777, -25.2716

Complementary

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



45.4920, -19.4696, 38.1565



49.5080, 19.4696, -38.1565

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.



44.7280, 29.2211, -39.2265



45.4920, -19.4696, 38.1565



43.8040, 10.4496, -38.4161

Square

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



45.4920, -19.4696, 38.1565



36.8230, -15.1957, -26.1548



45.4800, 21.9484, -39.8860



50.8060, 17.8436, 16.8331

Rectangle

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



45.4920, -19.4696, 38.1565



46.0940, -22.7243, 8.6876



45.4800, 21.9484, -39.8860



41.9070, 31.1048, -36.7524

Sweetspot

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



45.4920, -19.4696, 38.1565



97.8510, -7.3215, 15.0397



37.4290, 13.0995, 45.2278



48.5020, -4.6845, 9.2067



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



45.4920, -19.4696, 38.1565



54.9300, -27.0805, 52.6814



69.5590, -31.3346, 17.0498



40.7830, -0.8790, 1.9443



50.7770, -25.0331, 49.3076



111.9420, -55.1874, 107.9219

Inverse Universe

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



49.5080, 19.4696, -38.1565



60.0700, 27.0805, -52.6814



25.4410, 31.3346, -17.0498



41.2170, 0.8790, -1.9443



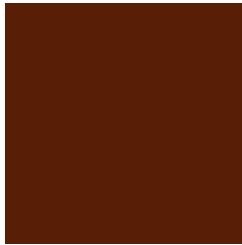
56.2230, 25.0331, -49.3076



123.0580, 55.1874, -107.9219

Previews

White Background



This preview shows how the YUV color 45.4920, -19.4696, 38.1565 looks on a white background.

Color Contrast Check

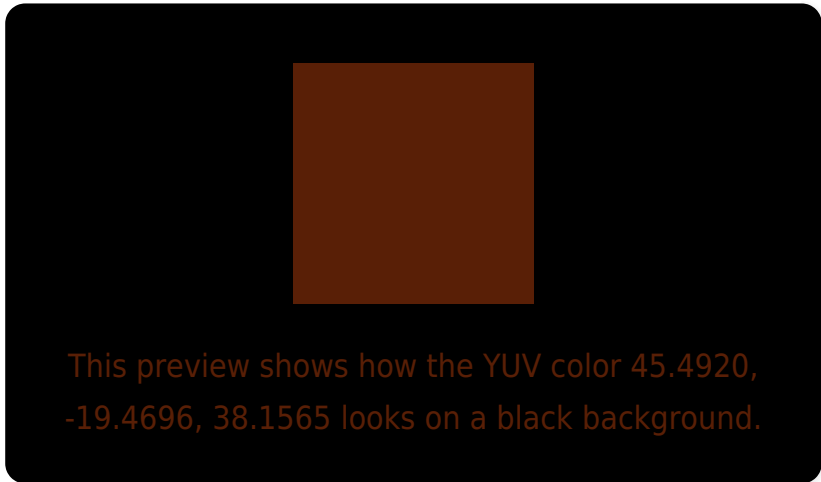
Large Text (above 18pt) WCAG AA ✓ Pass

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

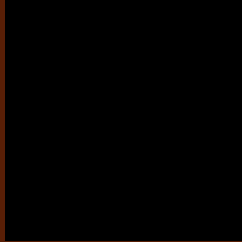
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.4920, -19.4696, 38.1565

Background



This preview shows how black text looks on a background with the YUV color 45.4920, -19.4696, 38.1565.



This preview shows how white text looks on a background with the YUV color 45.4920, -19.4696,

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

45.4920, -19.4696, 38.1565

Protanopia

48.2340, -18.3564, 7.6878

Deuteranopia

47.3120, -23.3248, 14.6354



Tritanopia

47.3530, -8.5550, 37.4014

Trichromacy



Original Color

45.4920, -19.4696, 38.1565

Protanomaly

47.4850, -18.9731, 18.8687

Deuteranomaly

46.7090, -22.0415, 23.0572

Tritanomaly

46.9140, -12.7756, 37.7864

Monochromacy



Original Color

45.4920, -19.4696, 38.1565

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2530, -7.0267, 13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.4920, -19.4696, 38.1565 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(89, 31, 6)` looks like.

```
.text, #text, p{  
    color:rgb(89, 31, 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(89, 31, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 31, 6) }
```

Border

The CSS property to change the border of an element to YUV 45.4920, -19.4696, 38.1565 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(89, 31, 6) }
```


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

```
.border{ border-color:rgb(89, 31, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 31, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 31, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 31, 6); box-shadow:4px  
4px 4px 4px rgb(89, 31, 6) }
```

Background

The CSS property to change the background color of an element to YUV 45.4920, -19.4696, 38.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 31, 6) }
```

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

```
.background{ background-color: rgb(89, 31,  
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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