

Converting Colors

YUV(42.9050, -19.1802,
38.6713)

Have a look what the booklet for
YUV(42.9050, -19.1802, 38.6713)
contains.

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Color

**YUV(42.9050, -19.1802,
38.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	571C04
RGB	87, 28, 4
RGB Percent	34%, 11%, 2%
CMY	0.6588, 0.8902, 0.9843
CMYK	0.00, 0.68, 0.95, 0.66
HSL	17°, 91%, 18%
HSV	17°, 95%, 34%
XYZ	4.3676, 2.8655, 0.4378
YIQ	42.9050, 42.8680, 5.0440

Conversions

Conversions Part 2

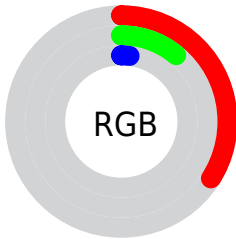
Format	Color
RYB	87, 38, 4
Decimal	5708804
CIELab	19.50, 26.09, 27.35
CIELCh	19, 37.799, 46.359
Yxy	2.8655, 0.5694, 0.3736
Android (android.graphics.Color)	4283898884 (0xFF571C04)
YUV	42.9050, -19.1802, 38.6713
Hunter-Lab	16.9278, 16.4322, 10.3162

Details

The YUV color **42.9050, -19.1802, 38.6713** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **48.0950, 19.1802, -38.6713**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1830, -20.7962, 43.6895**, and **11.1770, -5.0173, 22.6468** is the 20% darker color. If you saturate the color by 10%, you get **40.6880, -20.0592, 40.6156**, and if you desaturate by 10%, it is **47.4530, -16.9853, 34.6827**.

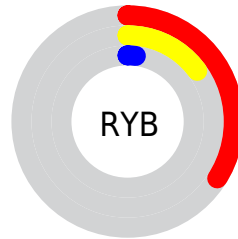
Distribution



Red (34%)

Green (11%)

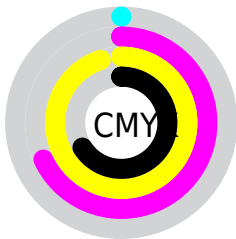
Blue (2%)



Red (34%)

Yellow (15%)

Blue (2%)

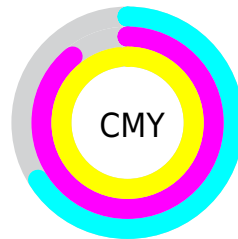


Cyan (0%)

Magenta (68%)

Yellow (95%)

Black (66%)



Cyan (66%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.9050, -19.1802, 38.6713 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 42.9050, -19.1802, 38.6713 by changing the saturation by 10% instead.

■ 42.9050, -19.1802,
38.6713

■ 42.9050, -19.1802,
38.6713

■ 252.1500,
-10.9200, 2.4994

■ 20.8750, -10.2914,
34.3126

■ 92.1830, -20.7962,
43.6895

■ 11.1770, -5.0173,
22.6468

■ 117.2650,
-21.8226, 46.2486

■ 0.0000, 0.0000,
0.0000


■ 143.3470,
-22.8491, 48.8077


■ 171.0160,
-24.1649, 50.8520


■ 197.6030,
-24.4543, 50.3372


■ 216.4160,


-20.9111, 33.8382


 236.6310,
-17.0731, 16.1096


 42.9050, -19.1802,
38.6713


 42.9050, -19.1802,
38.6713

 40.6880, -20.0592,
40.6156

 47.4530, -16.9853,
34.6827

 51.8870, -15.2273,
30.7941

 57.0220, -13.3218,
26.2907

 61.5700, -11.1270,
22.3021

 66.0040, -9.3690,
18.4135

■ 70.5520, -7.1741,
14.4249

■ 75.1000, -4.9793,
10.4363

■ 79.6480, -2.7845,
6.4477

■ 84.6690, -1.3158,
2.0443

Harmonies

Analogous

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



40.4990, -3.2040, 47.7974



42.9050, -19.1802, 38.6713



44.9970, -22.1835, 21.9276

Triad

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



42.9050, -19.1802, 38.6713



37.8080, -2.3703, -33.1576



39.1250, 30.5044, -30.8046

Complementary

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



42.9050, -19.1802, 38.6713



48.0950, 19.1802, -38.6713

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.



43.2120, 28.4895, -37.8969



42.9050, -19.1802, 38.6713



41.7010, 10.0074, -36.5718

Square

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



42.9050, -19.1802, 38.6713



35.1930, -16.3641, -24.7253



43.9640, 21.2167, -38.5564



48.6210, 18.4278, 16.1184

Rectangle

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



42.9050, -19.1802, 38.6713



44.3220, -21.8507, 8.4876



43.9640, 21.2167, -38.5564



40.5050, 30.8100, -35.5229

Sweetspot

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



42.9050, -19.1802, 38.6713



94.8510, -7.3215, 15.0397



35.5430, 13.5363, 45.1278



45.5020, -4.6845, 9.2067



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



42.9050, -19.1802, 38.6713



52.2720, -25.7701, 52.3815



66.9720, -31.0452, 17.5646



40.7830, -0.8790, 1.9443



50.1900, -24.7437, 49.8224



110.1810, -54.3192, 109.4663

Inverse Universe

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



48.0950, 19.1802, -38.6713



59.7280, 25.7701, -52.3815



24.0280, 31.0452, -17.5646



41.2170, 0.8790, -1.9443



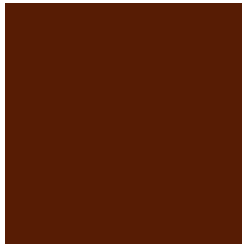
56.8100, 24.7437, -49.8224



124.8190, 54.3192, -109.4663

Previews

White Background



This preview shows how the YUV color 42.9050, -19.1802, 38.6713 looks on a white background.

Color Contrast Check

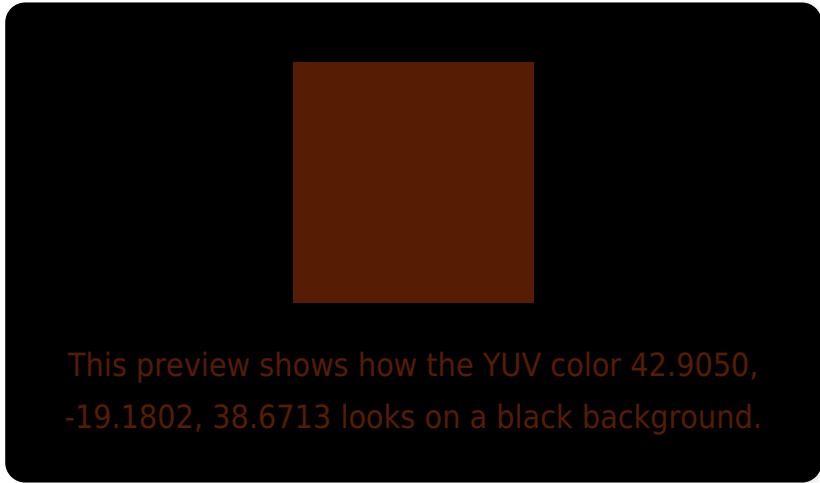
Large Text (above 18pt) WCAG AA ✓ Pass

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

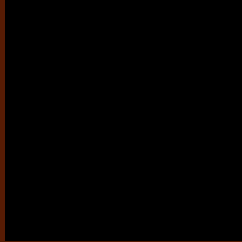
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.9050, -19.1802, 38.6713

Background



This preview shows how black text looks on a background with the YUV color 42.9050, -19.1802, 38.6713.



This preview shows how white text looks on a background with the YUV color 42.9050, -19.1802,

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

42.9050, -19.1802, 38.6713

Protanopia

46.3480, -17.9196, 7.5878

Deuteranopia

45.5400, -22.4512, 14.4354



Tritanopia

44.3530, -8.5550, 37.4014

Trichromacy



Original Color

42.9050, -19.1802, 38.6713

Protanomaly

45.0120, -18.2469, 19.2835

Deuteranomaly

44.2360, -21.3153, 23.4720

Tritanomaly

44.0280, -12.3388, 37.6864

Monochromacy



Original Color

42.9050, -19.1802, 38.6713

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2530, -7.0267, 13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.9050, -19.1802, 38.6713 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(87, 28, 4)` looks like.

```
.text, #text, p{  
    color:rgb(87, 28, 4)  
}
```

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(87, 28, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 28, 4) }
```

Border

The CSS property to change the border of an element to YUV 42.9050, -19.1802, 38.6713 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(87, 28, 4) }
```


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

```
.border{ border-color:rgb(87, 28, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 28, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 28, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 28, 4); box-shadow:4px  
4px 4px 4px rgb(87, 28, 4) }
```

Background

The CSS property to change the background color of an element to YUV 42.9050, -19.1802, 38.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 28, 4) }
```

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

```
.background{ background-color: rgb(87, 28,  
4) }
```

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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