

Converting Colors

YUV(45.5380, -9.1392, 38.1162)

Have a look what the booklet for
YUV(45.5380, -9.1392, 38.1162)
contains.

YUV(45.5380, -9.1392, 38.1162)	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(45.5380, -9.1392,
38.1162)**

Conversions

Conversions Part 1

Format	Color
Hex	591B1B
RGB	89, 27, 27
RGB Percent	35%, 11%, 11%
CMY	0.6510, 0.8941, 0.8941
CMYK	0.00, 0.70, 0.70, 0.65
HSL	0°, 53%, 23%
HSV	0°, 70%, 35%
XYZ	4.7096, 2.9868, 1.3652
YIQ	45.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

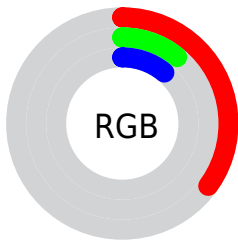
Format	Color
RYB	89, 27, 27
Decimal	5839643
CIELab	19.99, 28.51, 15.59
CIElCh	20, 32.497, 28.669
Yxy	2.9868, 0.5197, 0.3296
Android (android.graphics.Color)	4284029723 (0xFF591B1B)
YUV	45.5380, -9.1392, 38.1162
Hunter-Lab	17.2825, 18.3980, 7.4142

Details

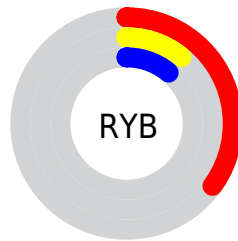
The YUV color **45.5380, -9.1392, 38.1162** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **70.4620, 9.1392, -38.1162**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1750, -11.9183, 42.8195**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **39.2290, -10.4659, 43.6492**, and if you desaturate by 10%, it is **51.8470, -7.8126, 32.5832**.

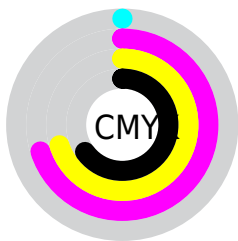
Distribution



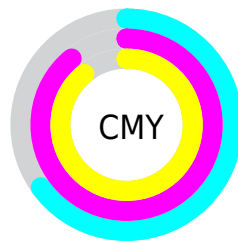
- Red (35%)
- Green (11%)
- Blue (11%)



- Red (35%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (65%)



- Cyan (65%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5380, -9.1392, 38.1162 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 45.5380, -9.1392, 38.1162 by changing the saturation by 10% instead.

■ 45.5380, -9.1392,
38.1162

■ 45.5380, -9.1392,
38.1162

■ 255.0000, 0.0000,
0.0000

■ 20.3100, -10.0128,
38.3161

■ 94.1750, -11.9183,
42.8195

■ 12.3730, -5.6069,
25.1059

■ 119.9580,
-12.7973, 44.7638

■ 0.0000, 0.0000,
0.0000

■ 146.7410,
-13.6763, 46.7081

■ 173.5240,
-14.5553, 48.6525

■ 200.2250,
-14.4079, 48.0377

■ 219.7390,

-10.7173, 30.9239

239.3670, -6.5899,
13.7101

45.5380, -9.1392,
38.1162

45.5380, -9.1392,
38.1162

39.2290, -10.4659,
43.6492

51.8470, -7.8126,
32.5832

32.9200, -11.7926,
49.1822

58.1560, -6.4859,
27.0502

26.6110, -13.1192,
54.7152

64.4650, -5.1592,
21.5172

70.7740, -3.8326,
15.9842

77.0830, -2.5059,
10.4512

■ 82.6910, -1.3267,
5.5330

■ 89.0000, 0.0000,
0.0000

■ 95.3090, 1.3267,
-5.5330

■ 101.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



45.8120, 2.0647, 37.8759



45.5380, -9.1392, 38.1162



45.6820, -21.0422, 29.2199

Triad

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



45.5380, -9.1392, 38.1162



35.9670, -6.8857, -31.5431



40.8810, 27.1737, -35.8526

Complementary

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



45.5380, -9.1392, 38.1162



70.4620, 9.1392, -38.1162

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.



43.6050, 22.3797, -38.2416



45.5380, -9.1392, 38.1162



39.8770, 3.0186, -34.9721

Square

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



45.5380, -9.1392, 38.1162



42.4730, -20.9392, -3.9228



42.6130, 13.5018, -37.3716



48.3690, 20.5241, -2.9546

Rectangle

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



45.5380, -9.1392, 38.1162



46.1600, -22.7569, 19.1537



42.6130, 13.5018, -37.3716



42.5280, 25.8687, -37.2971

Sweetspot

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



45.5380, -9.1392, 38.1162



98.1760, -3.5378, 14.7546



52.6060, 17.9422, 31.9175



48.4850, -2.2111, 9.2217



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.



45.5380, -9.1392, 38.1162



47.0030, -14.2985, 59.6334



63.7350, -18.1104, 22.1574



40.1960, -0.5896, 2.4591



31.9930, -15.7725, 65.7811



70.2650, -34.6406, 144.4726

Inverse Universe

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



70.4620, 9.1392, -38.1162



85.9970, 14.2985, -59.6334



52.2650, 18.1104, -22.1574



41.8040, 0.5896, -2.4591



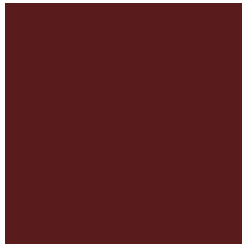
75.0070, 15.7725, -65.7811



164.7350, 34.6406, -144.4726

Previews

White Background



This preview shows how the YUV color 45.5380, -9.1392, 38.1162 looks on a white background.

Color Contrast Check

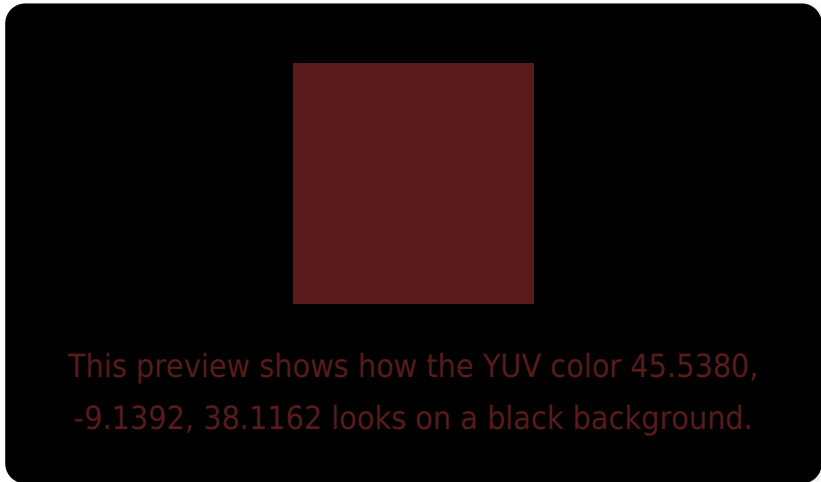
Large Text (above 18pt) WCAG AA ✓ Pass

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

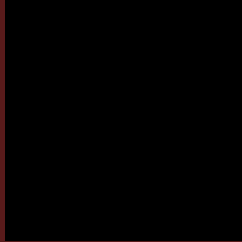
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.5380, -9.1392, 38.1162

Background



This preview shows how black text looks on a background with the YUV color 45.5380, -9.1392, 38.1162.

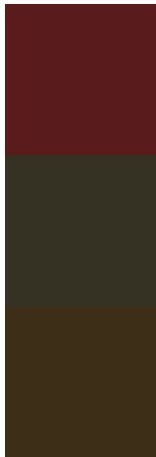


This preview shows how white text looks on a background with the YUV color 45.5380, -9.1392,

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

45.5380, -9.1392, 38.1162

Protanopia

49.4860, -7.1416, 3.9588

Deuteranopia

48.4500, -12.5469, 11.0063



Tritanopia

45.6520, -8.7024, 38.0162

Trichromacy



Original Color

45.5380, -9.1392, 38.1162

Protanomaly

48.3350, -8.0532, 16.3692

Deuteranomaly

47.4450, -11.5584, 20.6577

Tritanomaly

45.6520, -8.7024, 38.0162

Monochromacy



Original Color

45.5380, -9.1392, 38.1162

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.8770, -3.3904, 14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5380, -9.1392, 38.1162 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, 27, 27)` looks like.

```
.text, #text, p{  
    color:rgb(89, 27, 27)  
}
```

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, 27, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 27, 27) }
```

Border

The CSS property to change the border of an element to YUV 45.5380, -9.1392, 38.1162 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, 27, 27) }
```


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

```
.border{ border-color:rgb(89, 27, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 27, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 27, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 27, 27);  
box-shadow:4px 4px 4px 4px rgb(89, 27, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.5380, -9.1392, 38.1162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 27, 27) }
```

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

```
.background{ background-color: rgb(89, 27,  
27) }
```

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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