

Converting Colors

YUV(59.7290, -8.7404, 50.2267)

Have a look what the booklet for
YUV(59.7290, -8.7404, 50.2267)
contains.

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Color

**YUV(59.7290, -8.7404,
50.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	75222A
RGB	117, 34, 42
RGB Percent	46%, 13%, 16%
CMY	0.5412, 0.8667, 0.8353
CMYK	0.00, 0.71, 0.64, 0.54
HSL	354°, 55%, 30%
HSV	354°, 71%, 46%
XYZ	8.3261, 5.0931, 2.7347
YIQ	59.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

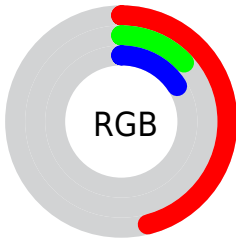
Format	Color
R_{YB}	117, 34, 42
Decimal	7676458
CIE _{Lab}	27.00, 36.72, 15.56
CIE _{LCh}	27, 39.884, 22.970
Yxy	5.0931, 0.5154, 0.3153
Android (android.graphics.Color)	4285866538 (0xFF75222A)
YUV	59.7290, -8.7404, 50.2267
Hunter-Lab	22.5680, 26.3606, 8.6130

Details

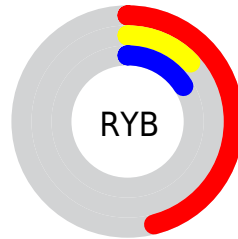
The YUV color **59.7290, -8.7404, 50.2267** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **91.2710, 8.7404, -50.2267**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2520, -11.9562, 55.0300**, and **18.8370, -9.2866, 38.7310** is the 20% darker color. If you saturate the color by 10%, you get **51.4310, -10.0725, 57.5040**, and if you desaturate by 10%, it is **68.0270, -7.4083, 42.9493**.

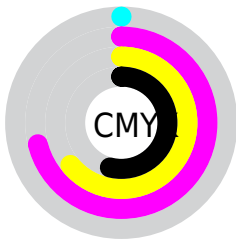
Distribution



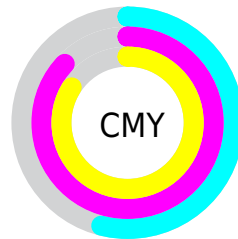
- Red (46%)
- Green (13%)
- Blue (16%)



- Red (46%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (64%)
- Black (54%)



- Cyan (54%)
- Magenta (87%)
- Yellow (84%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7290, -8.7404, 50.2267 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 59.7290, -8.7404, 50.2267 by changing the saturation by 10% instead.

■ 59.7290, -8.7404,
50.2267

■ 59.7290, -8.7404,
50.2267

255.0000, 0.0000,
0.0000

■ 31.4670, -4.6672,
50.4564

■ 111.2520,
-11.9562, 55.0300

■ 18.8370, -9.2866,
38.7310

■ 138.0350,
-12.8353, 56.9743

■ 11.1770, -5.0173,
22.6468

■ 164.8180,
-13.7143, 58.9186

■ 0.0000, 0.0000,
0.0000

■ 190.5080,
-13.5614, 56.5595

■ 210.0220, -9.8708,
39.4457

■ 229.6500, -5.7435,

22.2319

249.8650, -1.9054,
4.5034

59.7290, -8.7404,
50.2267

59.7290, -8.7404,
50.2267

51.4310, -10.0725,
57.5040

68.0270, -7.4083,
42.9493

43.8340, -11.2572,
64.1666

75.6240, -6.2236,
36.2868

36.2370, -12.4418,
70.8292

83.9220, -4.8915,
29.0094

92.1060, -3.9963,
21.8320

100.4040, -2.6642,
14.5547

■ 108.0010, -1.4795,
7.8921

■ 116.2990, -0.1474,
0.6148

■ 124.5970, 1.1847,
-6.6626

■ 132.1940, 2.3694,
-13.3251

Harmonies

Analogous

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



61.0780, 5.3845, 46.4126



59.7290, -8.7404, 50.2267



60.5800, -22.9639, 38.9563

Triad

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



59.7290, -8.7404, 50.2267



49.1530, -12.4004, -36.0912



55.3400, 34.3424, -48.5332

Complementary

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



59.7290, -8.7404, 50.2267



91.2710, 8.7404, -50.2267

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.



57.3800, 26.9277, -50.3223



59.7290, -8.7404, 50.2267



51.4690, 1.7408, -45.1383

Square

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



59.7290, -8.7404, 50.2267



56.9480, -28.0754, -1.7084



55.7040, 15.4289, -48.8524



62.6650, 28.2662, -12.8612

Rectangle

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



59.7290, -8.7404, 50.2267



60.3800, -29.7673, 27.7307



55.7040, 15.4289, -48.8524



56.1720, 32.4532, -49.2628

Sweetspot

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



59.7290, -8.7404, 50.2267



130.9100, -3.4066, 19.3729



65.8870, 25.1987, 37.8101



63.2080, -2.0745, 12.0956



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.



59.7290, -8.7404, 50.2267



63.2380, -13.9213, 78.7213



78.1880, -21.7847, 34.0381



54.7940, -0.8844, 3.6887



37.8460, -12.7421, 73.8031



77.4860, -26.3686, 151.2948

Inverse Universe

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



59.7290, -8.7404, 50.2267



63.2380, -13.9213, 78.7213



72.8120, 21.7847, -34.0381



54.7940, -0.8844, 3.6887



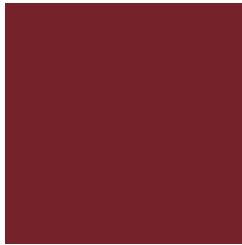
37.8460, -12.7421, 73.8031



77.4860, -26.3686, 151.2948

Previews

White Background



This preview shows how the YUV color 59.7290, -8.7404, 50.2267 looks on a white background.

Color Contrast Check

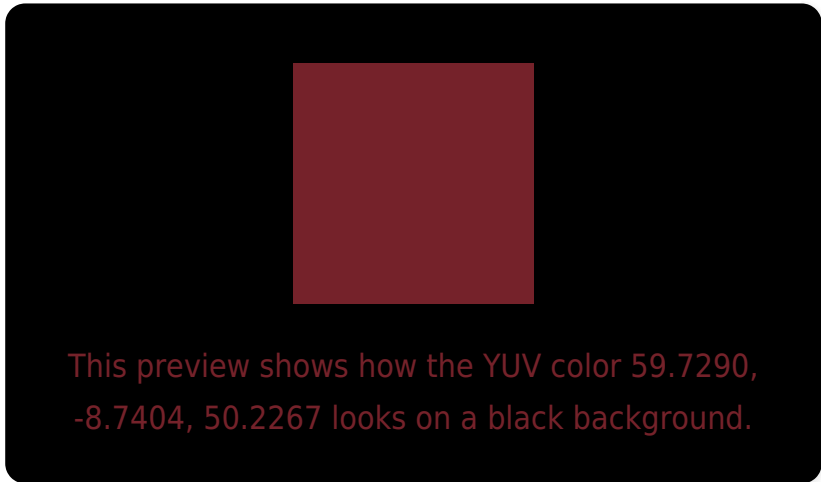
Large Text (above 18pt) WCAG AA ✓ Pass

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

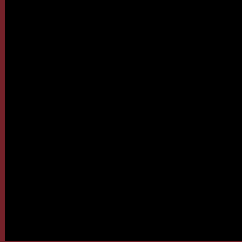
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7290, -8.7404, 50.2267

Background



This preview shows how black text looks on a background with the YUV color 59.7290, -8.7404, 50.2267.

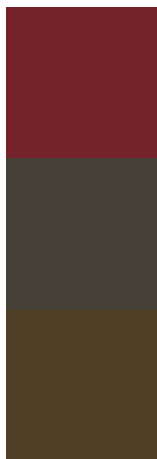


This preview shows how white text looks on a background with the YUV color 59.7290, -8.7404,

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

59.7290, -8.7404, 50.2267

Protanopia

65.0560, -4.9576, 3.4589

Deuteranopia

64.3470, -12.9891, 12.8507



Tritanopia

59.7460, -11.2138, 50.2118

Trichromacy



Original Color

59.7290, -8.7404, 50.2267

Protanomaly

63.1120, -6.4642, 20.0728

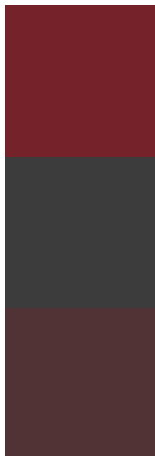
Deuteranomaly

62.7770, -11.7221, 26.5056

Tritanomaly

59.9740, -10.3402, 50.0118

Monochromacy



Original Color

59.7290, -8.7404, 50.2267

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1980, -3.5486, 18.2434

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7290, -8.7404, 50.2267 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(117, 34, 42)` looks like.

```
.text, #text, p{  
    color:rgb(117, 34, 42)  
}
```

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(117, 34, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 34, 42) }
```

Border

The CSS property to change the border of an element to YUV 59.7290, -8.7404, 50.2267 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(117, 34, 42) }
```


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

```
.border{ border-color:rgb(117, 34, 42) }
```

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

Here you see how a box with a 4 pixel rgb(117, 34, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 34, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 34, 42);  
box-shadow:4px 4px 4px 4px rgb(117, 34,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 59.7290, -8.7404, 50.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 34, 42) }
```

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

```
.background{ background-color: rgb(117, 34,  
42) }
```

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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