

Converting Colors

YUV(51.8950, -3.8922, 35.1721)

Have a look what the booklet for
YUV(51.8950, -3.8922, 35.1721)
contains.

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Color

**YUV(51.8950, -3.8922,
35.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	5C212C
RGB	92, 33, 44
RGB Percent	36%, 13%, 17%
CMY	0.6392, 0.8706, 0.8275
CMYK	0.00, 0.64, 0.52, 0.64
HSL	349°, 47%, 25%
HSV	349°, 64%, 36%
XYZ	5.4121, 3.5449, 2.7819
YIQ	51.8950, 31.6330, 15.9290

Conversions

Conversions Part 2

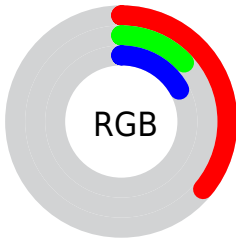
Format	Color
R_{YB}	92, 33, 44
Decimal	6037804
CIE Lab	22.11, 28.11, 6.79
CIE LCh	22, 28.919, 13.588
Yxy	3.5449, 0.4610, 0.3020
Android (android.graphics.Color)	4284227884 (0xFF5C212C)
YUV	51.8950, -3.8922, 35.1721
Hunter-Lab	18.8278, 18.3616, 4.4193

Details

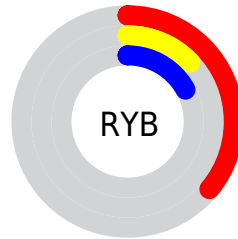
The YUV color **51.8950, -3.8922, 35.1721** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.1050, 3.8922, -35.1721**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4610, -5.6503, 39.0607**, and **13.4550, -6.6333, 27.6650** is the 20% darker color. If you saturate the color by 10%, you get **45.8140, -4.3453, 40.5051**, and if you desaturate by 10%, it is **57.9760, -3.4392, 29.8390**.

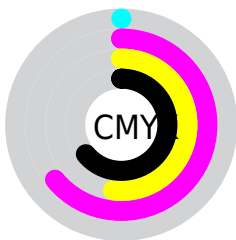
Distribution



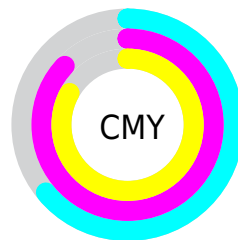
- Red (36%)
- Green (13%)
- Blue (17%)



- Red (36%)
- Yellow (13%)
- Blue (17%)



- Cyan (0%)
- Magenta (64%)
- Yellow (52%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8950, -3.8922, 35.1721 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 51.8950, -3.8922, 35.1721 by changing the saturation by 10% instead.

■ 51.8950, -3.8922,
35.1721

■ 51.8950, -3.8922,
35.1721

■ 255.0000, 0.0000,
0.0000

■ 27.7530, -1.8502,
33.5426

■ 100.4610, -5.6503,
39.0607

■ 13.4550, -6.6333,
27.6650

■ 126.3580, -6.0925,
40.9050

■ 0.0000, 0.0000,
0.0000

■ 152.8420, -6.8241,
42.2346

■ 179.8530, -6.8295,
43.9789

■ 206.8420, -6.8241,
42.2346

■ 226.3560, -3.1335,

25.1208

246.0980, 1.4307,
7.8071

51.8950, -3.8922,
35.1721

51.8950, -3.8922,
35.1721

45.8140, -4.3453,
40.5051

57.9760, -3.4392,
29.8390

39.6190, -5.2352,
45.9381

64.1710, -2.5493,
24.4060

32.9510, -5.3988,
51.7860

70.8390, -2.3856,
18.5582

29.4460, -6.1359,
54.8599

77.0340, -1.4958,
13.1252

83.1150, -1.0427,
7.7921

■ 89.3100, -0.1528,
2.3591

■ 95.3910, 0.3002,
-2.9739

■ 102.1730, 0.9007,
-8.9217

■ 108.2540, 1.3538,
-14.2548

Harmonies

Analogous

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



53.7830, 6.0230, 28.2543



51.8950, -3.8922, 35.1721



51.6420, -13.6275, 31.0090

Triad

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



51.8950, -3.8922, 35.1721



46.7690, -13.1971, -13.8294



45.3490, 23.9849, -39.7711

Complementary

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



51.8950, -3.8922, 35.1721



73.1050, 3.8922, -35.1721

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.



45.7420, 17.8752, -40.1157



51.8950, -3.8922, 35.1721



40.9540, -0.4703, -35.9167

Square

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



51.8950, -3.8922, 35.1721



49.4140, -21.4031, 4.8989



44.0490, 8.8498, -38.6310



50.3240, 22.0253, -17.8241

Rectangle

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



51.8950, -3.8922, 35.1721



51.5180, -18.9894, 24.1017



44.0490, 8.8498, -38.6310



45.5940, 22.3852, -39.9859

Sweetspot

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



51.8950, -3.8922, 35.1721



104.3330, -1.6432, 13.7400



53.7790, 18.8430, 22.9958



51.5280, -0.7533, 8.3069



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



51.8950, -3.8922, 35.1721



57.4460, -6.1359, 54.8599



61.2070, -13.9061, 27.0055



42.6090, -0.3002, 2.9739



35.1700, -7.4788, 65.6259



75.8790, -15.7163, 141.3031

Inverse Universe

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



51.8950, -3.8922, 35.1721



57.4460, -6.1359, 54.8599



63.7930, 13.9061, -27.0055



42.6090, -0.3002, 2.9739



35.1700, -7.4788, 65.6259



75.8790, -15.7163, 141.3031

Previews

White Background



This preview shows how the YUV color 51.8950, -3.8922, 35.1721 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

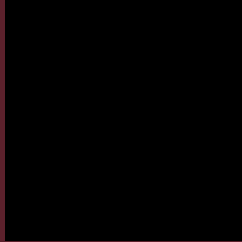
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.8950, -3.8922, 35.1721

Background



This preview shows how black text looks on a background with the YUV color 51.8950, -3.8922, 35.1721.



This preview shows how white text looks on a background with the YUV color 51.8950, -3.8922,

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

51.8950, -3.8922, 35.1721

Protanopia

54.4130, 0.2894, 0.5148

Deuteranopia

54.0350, -6.4263, 7.8623



Tritanopia

51.6840, -7.2392, 35.3571

Trichromacy



Original Color

51.8950, -3.8922, 35.1721

Protanomaly

53.1480, -1.0590, 13.0252

Deuteranomaly

53.3290, -5.5852, 18.1285

Tritanomaly

52.0260, -5.9288, 35.0572

Monochromacy



Original Color

51.8950, -3.8922, 35.1721

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.0340, -1.4958, 13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8950, -3.8922, 35.1721 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(92, 33, 44)` looks like.

```
.text, #text, p{  
    color:rgb(92, 33, 44)  
}
```

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(92, 33, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 33, 44) }
```

Border

The CSS property to change the border of an element to YUV 51.8950, -3.8922, 35.1721 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(92, 33, 44) }
```


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

```
.border{ border-color:rgb(92, 33, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 33, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 33, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 33, 44);  
box-shadow:4px 4px 4px 4px rgb(92, 33, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.8950, -3.8922, 35.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 33, 44) }
```

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

```
.background{ background-color: rgb(92, 33,  
44) }
```

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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