

Converting Colors

YUV(71.8350, -16.1877,
58.9037)

Have a look what the booklet for
YUV(71.8350, -16.1877, 58.9037)
contains.

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Color

**YUV(71.8350, -16.1877,
58.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	8B2C27
RGB	139, 44, 39
RGB Percent	55%, 17%, 15%
CMY	0.4549, 0.8275, 0.8471
CMYK	0.00, 0.68, 0.72, 0.45
HSL	3°, 56%, 35%
HSV	3°, 72%, 55%
XYZ	11.9144, 7.4368, 2.7269
YIQ	71.8350, 58.2250, 18.5850

Conversions

Conversions Part 2

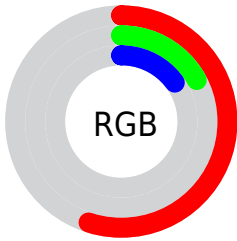
Format	Color
RYB	139, 44, 39
Decimal	9120807
CIELab	32.78, 39.97, 25.59
CIElCh	33, 47.460, 32.629
Yxy	7.4368, 0.5396, 0.3368
Android (android.graphics.Color)	4287310887 (0xFF8B2C27)
YUV	71.8350, -16.1877, 58.9037
Hunter-Lab	27.2705, 30.2623, 13.1606

Details

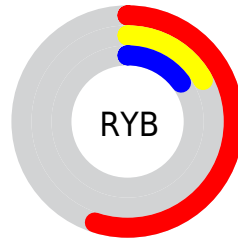
The YUV color **71.8350, -16.1877, 58.9037** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **106.1650, 16.1877, -58.9037**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5430, -19.9877, 64.4218**, and **24.5180, -12.0874, 50.4117** is the 20% darker color. If you saturate the color by 10%, you get **62.6080, -18.5407, 66.9958**, and if you desaturate by 10%, it is **81.0620, -13.8346, 50.8116**.

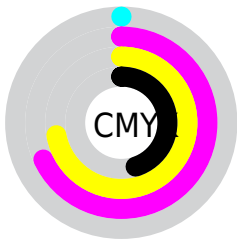
Distribution



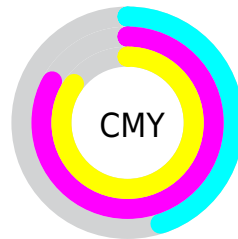
- Red (55%)
- Green (17%)
- Blue (15%)



- Red (55%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (72%)
- Black (45%)



- Cyan (45%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8350, -16.1877, 58.9037 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 71.8350, -16.1877, 58.9037 by changing the saturation by 10% instead.

■ 71.8350, -16.1877,
58.9037

■ 71.8350, -16.1877,
58.9037

255.0000, 0.0000,
0.0000

■ 44.3340, -12.9827,
57.5891

■ 124.5430,
-19.9877, 64.4218

■ 24.5180, -12.0874,
50.4117

■ 151.6250,
-21.0141, 66.9809

■ 16.4450, -8.1074,
33.8127

■ 178.3970,
-21.8877, 67.1808

■ 5.9800, -2.9481,
12.2955

■ 197.2100,
-18.3445, 50.6818

■ 0.0000, 0.0000,
0.0000

■ 216.7240,
-14.6539, 33.5681

■ 236.9390,

-10.8159, 15.8395

253.7460, -4.8048,
1.0998

71.8350, -16.1877,
58.9037

71.8350, -16.1877,
58.9037

62.6080, -18.5407,
66.9958

81.0620, -13.8346,
50.8116

53.3810, -20.8938,
75.0879

90.2890, -11.4815,
42.7195

45.6700, -22.5153,
81.8504

100.1030, -9.4178,
34.1127

109.3300, -7.0647,
26.0206

118.5570, -4.7116,
17.9285

■ 127.6700, -2.7953,
9.9364

■ 136.8970, -0.4422,
1.8443

■ 146.7110, 1.6215,
-6.7625

■ 155.9380, 3.9746,
-14.8546

Harmonies

Analogous

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



71.5530, 1.6994, 61.7820



71.8350, -16.1877, 58.9037



72.5020, -34.7575, 41.6557

Triad

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



71.8350, -16.1877, 58.9037



58.5640, -9.1521, -51.3606



64.8750, 42.9526, -56.8954

Complementary

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



71.8350, -16.1877, 58.9037



106.1650, 16.1877, -58.9037

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.



69.2460, 36.8537, -60.7287



71.8350, -16.1877, 58.9037



64.1840, 7.3043, -56.2894

Square

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



71.8350, -16.1877, 58.9037



66.3290, -32.7002, -11.6895



67.9290, 24.1920, -59.5737



78.1490, 30.9855, 1.6233

Rectangle

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



71.8350, -16.1877, 58.9037



72.7620, -35.8717, 25.6417



67.9290, 24.1920, -59.5737



66.6360, 42.0845, -58.4398

Sweetspot

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



71.8350, -16.1877, 58.9037



154.1340, -6.4751, 23.5615



79.7300, 26.7551, 51.9798



75.7630, -3.8272, 14.2398



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



71.8350, -16.1877, 58.9037



76.3400, -25.3106, 91.7868



101.1850, -30.6572, 33.1638



64.0930, -1.0318, 4.3034



43.8760, -21.6309, 78.1617



1.4950, -0.7370, 3.0739

Inverse Universe

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



106.1650, 16.1877, -58.9037



129.6600, 25.3106, -91.7868



76.8150, 30.6572, -33.1638



66.9070, 1.0318, -4.3034



89.1240, 21.6309, -78.1617



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 71.8350, -16.1877, 58.9037 looks on a white background.

Color Contrast Check

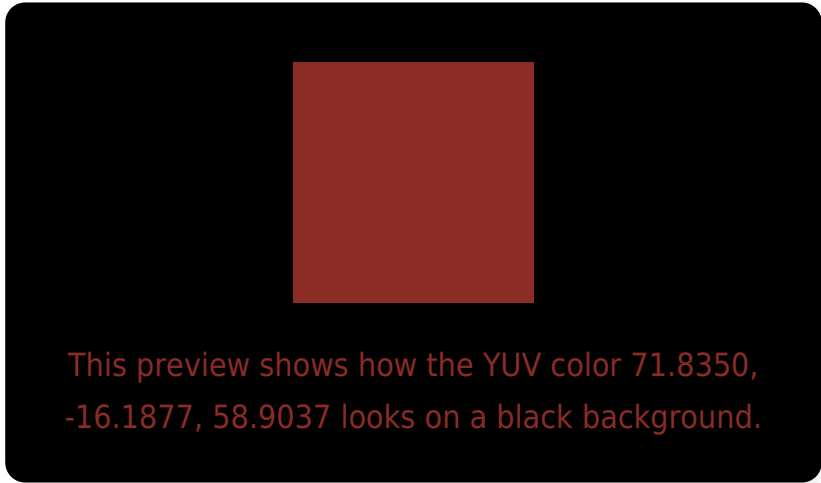
Large Text (above 18pt) WCAG AA ✓ Pass

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

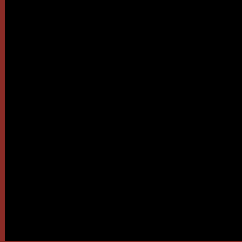
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8350, -16.1877, 58.9037

Background



This preview shows how black text looks on a background with the YUV color 71.8350, -16.1877, 58.9037.

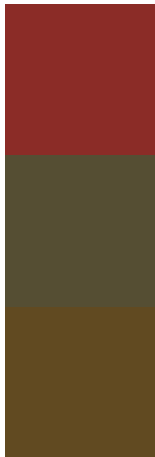


This preview shows how white text looks on a background with the YUV color 71.8350, -16.1877,

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

71.8350, -16.1877, 58.9037

Protanopia

77.0150, -12.8254, 7.0028

Deuteranopia

76.2030, -21.2991, 18.2390



Tritanopia

71.9320, -13.2775, 58.8186

Trichromacy



Original Color

71.8350, -16.1877, 58.9037

Protanomaly

75.4950, -14.0480, 25.8759

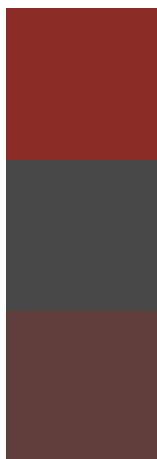
Deuteranomaly

74.4590, -19.4533, 32.9235

Tritanomaly

71.7040, -14.1511, 59.0186

Monochromacy



Original Color

71.8350, -16.1877, 58.9037

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9380, -5.8854, 21.1024

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8350, -16.1877, 58.9037 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(139, 44, 39)` looks like.

```
.text, #text, p{  
    color:rgb(139, 44, 39)  
}
```

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(139, 44, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 44, 39) }
```

Border

The CSS property to change the border of an element to YUV 71.8350, -16.1877, 58.9037 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(139, 44, 39) }
```


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

```
.border{ border-color:rgb(139, 44, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 44, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 44, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 44, 39);  
box-shadow:4px 4px 4px 4px rgb(139, 44,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 71.8350, -16.1877, 58.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 44, 39) }
```

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

```
.background{ background-color: rgb(139, 44,  
39) }
```

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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