

Converting Colors

YUV(35.1940, -17.3506,
58.5889)

Have a look what the booklet for
YUV(35.1940, -17.3506, 58.5889)
contains.

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Color

**YUV(35.1940, -17.3506,
58.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	660800
RGB	102, 8, 0
RGB Percent	40%, 3%, 0%
CMY	0.6000, 0.9686, 1.0000
CMYK	0.00, 0.92, 1.00, 0.60
HSL	5°, 100%, 20%
HSV	5°, 100%, 40%
XYZ	5.5663, 2.9984, 0.2854
YIQ	35.1940, 58.5920, 17.4400

Conversions

Conversions Part 2

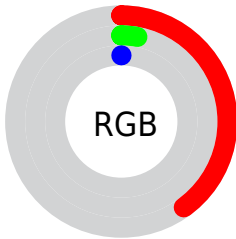
Format	Color
R_{YB}	102, 9, 0
Decimal	6686720
CIE Lab	20.04, 38.83, 30.47
CIE LCh	20, 49.359, 38.114
Yxy	2.9984, 0.6290, 0.3388
Android (android.graphics.Color)	4284876800 (0xFF660800)
YUV	35.1940, -17.3506, 58.5889
Hunter-Lab	17.3160, 27.0767, 11.1441

Details

The YUV color **35.1940, -17.3506, 58.5889** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **66.8060, 17.3506, -58.5889**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.7660, -21.5766, 60.7182**, and **14.8790, -6.3493, 29.9241** is the 20% darker color. If you saturate the color by 10%, you get **35.1940, -17.3506, 58.5889**, and if you desaturate by 10%, it is **41.6170, -15.5872, 52.9559**.

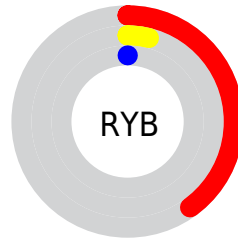
Distribution



Red (40%)

Green (3%)

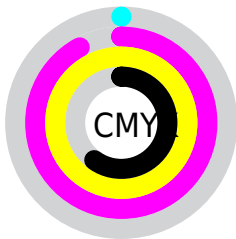
Blue (0%)



Red (40%)

Yellow (4%)

Blue (0%)

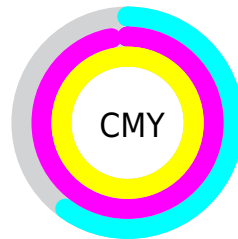


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (60%)



Cyan (60%)


Magenta (97%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 35.1940, -17.3506, 58.5889 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 35.1940, -17.3506, 58.5889 by changing the saturation by 10% instead.


 35.1940, -17.3506,
58.5889


 35.1940, -17.3506,
58.5889

 251.1070,
-12.3778, 3.4142

 22.1260, -10.9081,
45.4935


 90.7660, -21.5766,
60.7182


 14.8790, -6.3493,
29.9241

 116.6200,
-23.4767, 63.4773

 0.0000, 0.0000,
0.0000

 143.5880,
-24.9399, 66.1363


 170.9690,
-26.1137, 69.3102


 191.8640,
-23.5970, 55.3703


 210.7910,


-19.6170, 38.7713


 230.8920,
-16.2158, 21.1427


 35.1940, -17.3506,
58.5889

 41.6170, -15.5872,
52.9559

 48.6270, -14.1131,
46.8081

 55.1640, -11.9129,
41.0752

 62.1740, -10.4388,
34.9274

 68.5970, -8.6753,
29.2944

■ 75.0200, -6.9119,
23.6615

■ 82.0300, -5.4378,
17.5137

■ 88.5670, -3.2375,
11.7807

■ 95.5770, -1.7635,
5.6330

Harmonies

Analogous

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



37.1510, 1.4046, 63.0116



35.1940, -17.3506, 58.5889



45.3510, -22.3580, 31.2642

Triad

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



35.1940, -17.3506, 58.5889



37.9730, -9.3537, -33.3023



43.1440, 38.3830, -37.8373

Complementary

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



35.1940, -17.3506, 58.5889



66.8060, 17.3506, -58.5889

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.



47.8570, 33.5945, -41.9706



35.1940, -17.3506, 58.5889



43.5930, 7.1027, -38.2311

Square

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



35.1940, -17.3506, 58.5889



35.8400, -17.6691, -26.1697



47.5830, 22.3906, -41.7303



48.2100, 28.4905, 8.5858

Rectangle

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



35.1940, -17.3506, 58.5889



45.8390, -22.5986, 15.0502



47.5830, 22.3906, -41.7303



45.6060, 37.6622, -39.9965

Sweetspot

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



35.1940, -17.3506, 58.5889



106.7210, -6.7645, 23.0467



41.3280, 26.4603, 53.2093



50.3500, -4.1165, 13.7251



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



35.1940, -17.3506, 58.5889



45.6370, -22.4990, 76.6174



64.5440, -31.8202, 32.8489



47.4950, -0.7370, 3.0739



39.6680, -19.5563, 66.0662



83.5110, -41.1709, 138.9949

Inverse Universe

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



66.8060, 17.3506, -58.5889



86.7760, 22.7884, -76.1026



37.4560, 31.8202, -32.8489



49.5050, 0.7370, -3.0739



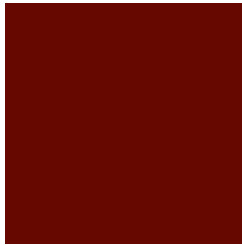
75.3320, 19.5563, -66.0662



158.4890, 41.1709, -138.9949

Previews

White Background



This preview shows how the YUV color 35.1940, -17.3506, 58.5889 looks on a white background.

Color Contrast Check

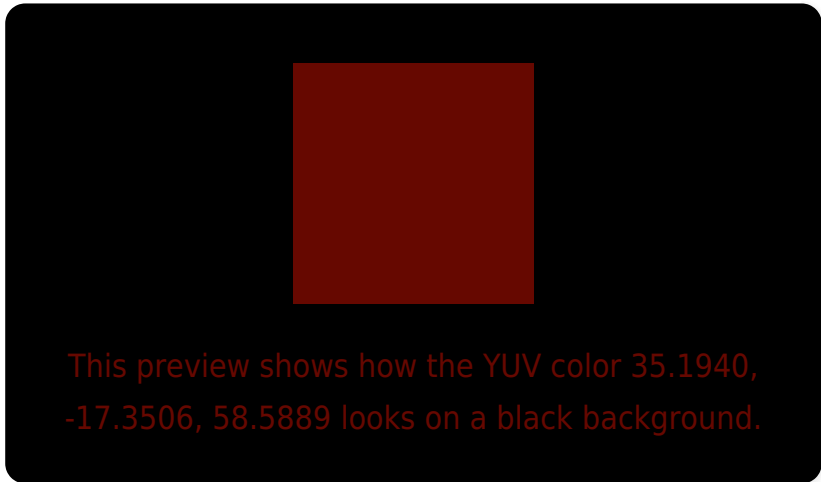
Large Text (above 18pt) WCAG AA ✓ Pass

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

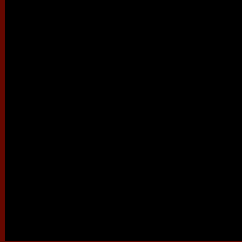
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.1940, -17.3506, 58.5889

Background



This preview shows how black text looks on a background with the YUV color 35.1940, -17.3506, 58.5889.



This preview shows how white text looks on a background with the YUV color 35.1940, -17.3506,

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

35.1940, -17.3506, 58.5889

Protanopia

49.3480, -17.9196, 7.5878

Deuteranopia

48.1980, -23.7616, 14.7354



Tritanopia

35.7810, -17.6400, 58.0741

Trichromacy



Original Color

35.1940, -17.3506, 58.5889

Protanomaly

44.1700, -17.8318, 26.1609

Deuteranomaly

43.2800, -21.3370, 30.4494

Tritanomaly

35.7810, -17.6400, 58.0741

Monochromacy



Original Color

35.1940, -17.3506, 58.5889

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8240, -6.3222, 21.2024

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.1940, -17.3506, 58.5889 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(102, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 8, 0)  
}
```

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(102, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 8, 0) }
```

Border

The CSS property to change the border of an element to YUV 35.1940, -17.3506, 58.5889 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(102, 8, 0) }
```


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

```
.border{ border-color:rgb(102, 8, 0) }
```

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

Here you see how a box with a 4 pixel rgb(102, 8, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(102, 8, 0); box-shadow:4px  
4px 4px 4px rgb(102, 8, 0) }
```

Background

The CSS property to change the background color of an element to YUV 35.1940, -17.3506, 58.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 8, 0) }
```

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

```
.background{ background-color: rgb(102, 8,  
0) }
```

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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