

Converting Colors

YUV(34.5160, -5.6774, 47.7825)

Have a look what the booklet for
YUV(34.5160, -5.6774, 47.7825)
contains.

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Color

**YUV(34.5160, -5.6774,
47.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	590917
RGB	89, 9, 23
RGB Percent	35%, 4%, 9%
CMY	0.6510, 0.9647, 0.9098
CMYK	0.00, 0.90, 0.74, 0.65
HSL	350°, 82%, 19%
HSV	350°, 90%, 35%
XYZ	4.3722, 2.3811, 1.0398
YIQ	34.5160, 43.1860, 21.3140

Conversions

Conversions Part 2

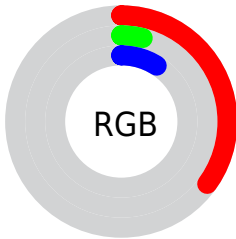
Format	Color
<code>RGB</code>	<code>89, 9, 23</code>
Decimal	<code>5835031</code>
CIE Lab	<code>17.37, 35.31, 15.11</code>
CIE LCh	<code>17, 38.403, 23.164</code>
Yxy	<code>2.3811, 0.5610, 0.3055</code>
Android (<code>android.graphics.Color</code>)	<code>4284025111</code> (<code>0xFF590917</code>)
YUV	<code>34.5160, -5.6774, 47.7825</code>
Hunter-Lab	<code>15.4308, 23.5725, 6.8064</code>

Details

The YUV color **34.5160, -5.6774, 47.7825** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **63.4840, 5.6774, -47.7825**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.8600, -10.7770, 50.1118**, and **11.4760, -5.1647, 23.2615** is the 20% darker color. If you saturate the color by 10%, you get **28.4350, -6.1305, 53.1155**, and if you desaturate by 10%, it is **40.5970, -5.2243, 42.4494**.

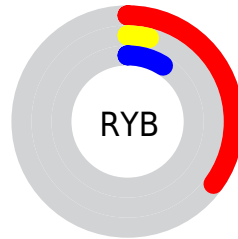
Distribution



Red (35%)

Green (4%)

Blue (9%)



Red (35%)

Yellow (4%)

Blue (9%)

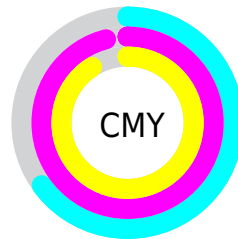


Cyan (0%)

Magenta (90%)

Yellow (74%)

Black (65%)



Cyan (65%)


Magenta (96%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.5160, -5.6774, 47.7825 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 34.5160, -5.6774, 47.7825 by changing the saturation by 10% instead.


 34.5160, -5.6774,
47.7825

 34.5160, -5.6774,
47.7825

 251.2670, -1.6106,
3.2738

 18.8370, -9.2866,
38.7310


 86.8600, -10.7770,
50.1118


 11.4760, -5.1647,
23.2615

 112.9420,
-11.8034, 52.6709

 0.0000, 0.0000,
0.0000

 139.0240,
-12.8298, 55.2300

 165.9210,
-13.2721, 57.0743

 191.9100,
-13.2666, 55.3299

 211.4240, -9.5760,

38.2162

■ 231.0520, -5.4486,
21.0024

■ 34.5160, -5.6774,
47.7825

■ 34.5160, -5.6774,
47.7825

■ 28.4350, -6.1305,
53.1155

■ 40.5970, -5.2243,
42.4494

■ 46.7920, -4.3345,
37.0164

■ 52.8730, -3.8814,
31.6834

■ 58.9540, -3.4283,
26.3503

■ 64.5620, -2.2491,
21.4321

■ 70.6430, -1.7960,
16.0991

■ 76.7240, -1.3429,
10.7661

■ 82.9190, -0.4531,
5.3330

■ 89.0000, 0.0000,
0.0000

Harmonies

Analogous

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



34.6480, 7.5685, 45.9127



34.5160, -5.6774, 47.7825



38.8830, -19.1693, 35.1826

Triad

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



34.5160, -5.6774, 47.7825



30.8660, -13.7379, -27.0695



39.3480, 28.9154, -34.5082

Complementary

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



34.5160, -5.6774, 47.7825



63.4840, 5.6774, -47.7825

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.



41.0290, 22.6637, -35.9824



34.5160, -5.6774, 47.7825



35.6880, -0.3392, -31.2984

Square

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



34.5160, -5.6774, 47.7825



37.7550, -18.6132, -3.2931



38.9940, 12.3280, -34.1977



39.6000, 26.8192, -15.4352

Rectangle

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



34.5160, -5.6774, 47.7825



40.8660, -20.1469, 22.0425



38.9940, 12.3280, -34.1977



40.2940, 27.4631, -35.3378

Sweetspot

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



34.5160, -5.6774, 47.7825



93.8390, -2.3856, 18.5582



37.5550, 25.3624, 31.9623



46.0230, -1.4903, 11.3808



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.



34.5160, -5.6774, 47.7825



36.6650, -8.2158, 68.6998



47.5950, -19.0273, 36.3122



40.3100, -0.1528, 2.3591



34.1590, -7.4734, 63.8816



74.9390, -16.7319, 140.3735

Inverse Universe

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



34.5160, -5.6774, 47.7825



36.6650, -8.2158, 68.6998



50.4050, 19.0273, -36.3122



40.3100, -0.1528, 2.3591



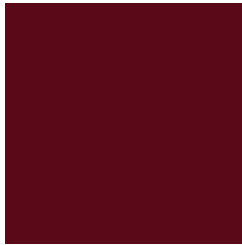
34.1590, -7.4734, 63.8816



74.9390, -16.7319, 140.3735

Previews

White Background



This preview shows how the YUV color 34.5160, -5.6774, 47.7825 looks on a white background.

Color Contrast Check

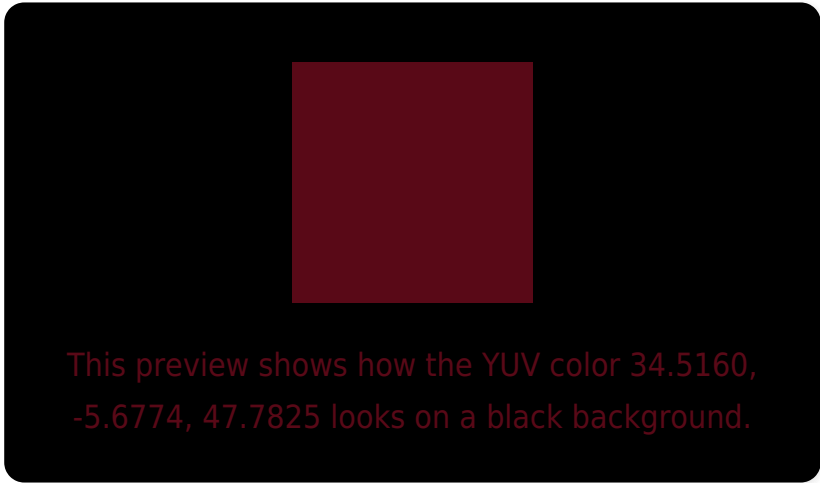
Large Text (above 18pt) WCAG AA ✓ Pass

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

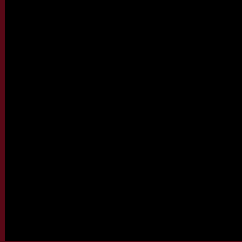
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.5160, -5.6774, 47.7825

Background



This preview shows how black text looks on a background with the YUV color 34.5160, -5.6774, 47.7825.

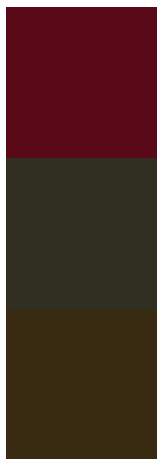


This preview shows how white text looks on a background with the YUV color 34.5160, -5.6774,

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

34.5160, -5.6774, 47.7825

Protanopia

45.5290, -5.6838, 3.0441

Deuteranopia

44.3360, -12.9836, 11.1063



Tritanopia

34.9090, -11.7871, 47.4378

Trichromacy



Original Color

34.5160, -5.6774, 47.7825

Protanomaly

41.9270, -5.8800, 19.3580

Deuteranomaly

41.1080, -10.4062, 24.4613

Tritanomaly

34.7780, -9.7506, 47.5527

Monochromacy



Original Color

34.5160, -5.6774, 47.7825

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.2410, -2.0908, 17.3286

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.5160, -5.6774, 47.7825 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, 9, 23)` looks like.

```
.text, #text, p{  
    color:rgb(89, 9, 23)  
}
```

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, 9, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 9, 23) }
```

Border

The CSS property to change the border of an element to YUV 34.5160, -5.6774, 47.7825 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, 9, 23) }
```


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

```
.border{ border-color:rgb(89, 9, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 9, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 9, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 9, 23); box-shadow:4px  
4px 4px 4px rgb(89, 9, 23) }
```

Background

The CSS property to change the background color of an element to YUV 34.5160, -5.6774, 47.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 9, 23) }
```

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

```
.background{ background-color: rgb(89, 9,  
23) }
```

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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