

Converting Colors

YUV(87.7310, 58.3066,
-34.8441)

Have a look what the booklet for
YUV(87.7310, 58.3066, -34.8441)
contains.

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Color

**YUV(87.7310, 58.3066,
-34.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	3055CE
RGB	48, 85, 206
RGB Percent	19%, 33%, 81%
CMY	0.8118, 0.6667, 0.1922
CMYK	0.77, 0.59, 0.00, 0.19
HSL	226°, 62%, 50%
HSV	226°, 77%, 81%
XYZ	15.6080, 11.5816, 59.8054
YIQ	87.7310, -60.8930, 29.7870

Conversions

Conversions Part 2

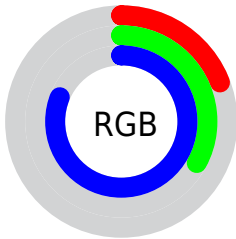
Format	Color
R _Y B	48, 78, 206
Decimal	3167694
CIE Lab	40.54, 30.08, -66.30
CIE LCh	41, 72.808, 294.405
Yxy	11.5816, 0.1794, 0.1331
Android (android.graphics.Color)	4281357774 (0xFF3055CE)
YUV	87.7310, 58.3066, -34.8441
Hunter-Lab	34.0318, 22.3099, -80.3704

Details

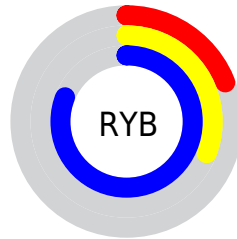
The YUV color **87.7310, 58.3066, -34.8441** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **166.2690, -58.3066, 34.8441**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7110, 55.3585, -22.5485**, and **41.2810, 54.0915, -36.2034** is the 20% darker color. If you saturate the color by 10%, you get **72.0600, 66.0324, -39.5176**, and if you desaturate by 10%, it is **103.4020, 50.5808, -30.1706**.

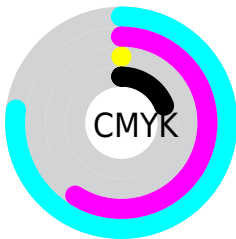
Distribution



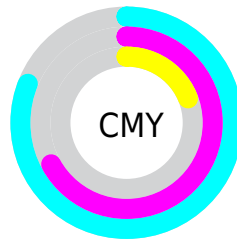
- Red (19%)
- Green (33%)
- Blue (81%)



- Red (19%)
- Yellow (31%)
- Blue (81%)



- Cyan (77%)
- Magenta (59%)
- Yellow (0%)
- Black (19%)



- Cyan (81%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7310, 58.3066, -34.8441 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 87.7310, 58.3066, -34.8441 by changing the saturation by 10% instead.

■ 87.7310, 58.3066,
-34.8441

■ 87.7310, 58.3066,
-34.8441

■ 255.0000, 0.0000,
0.0000

■ 56.6860, 59.8078,
-49.7136

■ 142.7110, 55.3585,
-22.5485

■ 41.2810, 54.0915,
-36.2034

■ 167.2420, 43.2647,
-16.8752

■ 27.0500, 47.7964,
-23.7229

■ 192.0610, 31.0289,
-12.3315

■ 11.1720, 42.8062,
-9.7978

■ 217.7660, 18.3564,
-7.6878

■ 13.6050, 29.2817,
-11.9316

■ 243.1720, 5.8312,
-3.6588

■ 8.0480, 20.6823,
-7.0581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 87.7310, 58.3066,
-34.8441

■ 87.7310, 58.3066,
-34.8441

■ 72.0600, 66.0324,
-39.5176

■ 103.4020, 50.5808,
-30.1706

■ 56.6880, 73.6108,
-43.5764

■ 118.7740, 43.0024,
-26.1118

■ 51.6600, 76.0896,
-45.3058

■ 133.8580, 35.5660,
-20.9235

■ 149.2300, 27.9876,
-16.8647

■ 164.9010, 20.2618,
-12.1912

■ 180.5720, 12.5360,
-7.5176

■ 195.3570, 5.2470,
-2.9441

■ 211.0280, -2.4788,
1.7294

■ 226.4000,
-10.0572, 5.7882

Harmonies

Analogous

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



87.4330, 63.3835, -76.6787



87.7310, 58.3066, -34.8441



92.5590, 36.2064, 53.8838

Triad

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



87.7310, 58.3066, -34.8441



85.7510, -42.2752, 73.0094



79.2010, 1.3799, -69.4593

Complementary

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



87.7310, 58.3066, -34.8441



166.2690, -58.3066, 34.8441

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.



68.6450, -28.9120, -60.2017



87.7310, 58.3066, -34.8441



90.2160, -44.4765, 32.2596

Square

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



87.7310, 58.3066, -34.8441



63.5210, -6.1729, 113.5531



83.1520, -40.9939, -11.5343



86.8560, 28.1720, -76.1727

Rectangle

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



87.7310, 58.3066, -34.8441



69.4230, 29.3715, 99.6070



83.1520, -40.9939, -11.5343



76.2200, -7.5035, -66.8449

Sweetspot

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



87.7310, 58.3066, -34.8441



210.9440, 21.7196, -13.1059



154.3120, 6.2552, -93.2356



100.8000, 13.4096, -7.7176



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



87.7310, 58.3066, -34.8441



79.0750, 86.7310, -51.8088



77.9720, 63.1178, 8.7946



94.3140, 3.7892, -2.0294



41.8170, 61.2222, -36.6735



9.6150, 13.9938, -8.4324

Inverse Universe

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



99.4600, -7.1288, 93.4356



96.5350, -10.6168, 138.9738



176.3270, -63.2652, -8.1798



95.2180, -0.6005, 5.9478



54.0800, -7.4344, 98.1538



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 87.7310, 58.3066, -34.8441 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 × Fail

Black Background



This preview shows how the YUV color 87.7310, 58.3066, -34.8441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

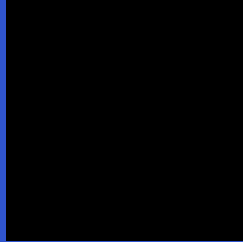
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.7310, 58.3066, -34.8441

Background



This preview shows how black text looks on a background with the YUV color 87.7310, 58.3066, -34.8441.



This preview shows how white text looks on a background with the YUV color 87.7310, 58.3066,

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

87.7310, 58.3066, -34.8441

Protanopia

75.5330, 58.4042, -66.2424

Deuteranopia

75.9770, 44.8743, -66.6318



Tritanopia

75.1040, 18.6827, -65.8662

Trichromacy



Original Color

87.7310, 58.3066, -34.8441

Protanomaly

79.8980, 58.2243, -55.1615

Deuteranomaly

80.3080, 49.6412, -55.5211

Tritanomaly

79.3670, 33.3431, -54.6959

Monochromacy



Original Color

87.7310, 58.3066, -34.8441

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8300, 21.2828, -13.0059

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7310, 58.3066, -34.8441 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(48, 85, 206)` looks like.

```
.text, #text, p{  
    color:rgb(48, 85, 206)  
}
```

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(48, 85, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 85, 206) }
```

Border

The CSS property to change the border of an element to YUV 87.7310, 58.3066, -34.8441 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(48, 85, 206) }
```


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

```
.border{ border-color:rgb(48, 85, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 85, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 85, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 85, 206);  
box-shadow:4px 4px 4px 4px rgb(48, 85,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 87.7310, 58.3066, -34.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 85, 206) }
```

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

```
.background{ background-color: rgb(48, 85,  
206) }
```

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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