

Converting Colors

YUV(83.5040, 59.4045,
-13.5970)

Have a look what the booklet for
YUV(83.5040, 59.4045, -13.5970)
contains.

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Color

**YUV(83.5040, 59.4045,
-13.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	4444CC
RGB	68, 68, 204
RGB Percent	27%, 27%, 80%
CMY	0.7333, 0.7333, 0.2000
CMYK	0.67, 0.67, 0.00, 0.20
HSL	240°, 57%, 53%
HSV	240°, 67%, 80%
XYZ	15.3501, 9.7228, 58.1944
YIQ	83.5040, -43.6560, 42.2960

Conversions

Conversions Part 2

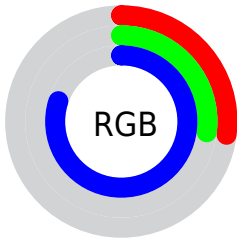
Format	Color
RYB	68, 68, 204
Decimal	4474060
CIELab	37.34, 42.37, -70.34
CIELCh	37, 82.117, 301.064
Yxy	9.7228, 0.1843, 0.1168
Android (android.graphics.Color)	4282664140 (0xFF4444CC)
YUV	83.5040, 59.4045, -13.5970
Hunter-Lab	31.1814, 33.3051, -88.8268

Details

The YUV color **83.5040, 59.4045, -13.5970** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **188.4960, -59.4045, 13.5970**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2170, 58.0670, -4.5753**, and **31.0740, 58.1375, -27.2519** is the 20% darker color. If you saturate the color by 10%, you get **65.7840, 68.1405, -15.5966**, and if you desaturate by 10%, it is **101.2240, 50.6686, -11.5974**.

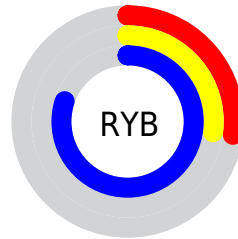
Distribution



Red (27%)

Green (27%)

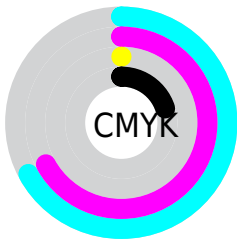
Blue (80%)



Red (27%)

Yellow (27%)

Blue (80%)

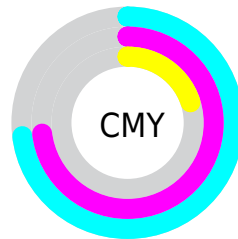


Cyan (67%)

Magenta (67%)

Yellow (0%)

Black (20%)



Cyan (73%)

Magenta (73%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5040, 59.4045, -13.5970 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 83.5040, 59.4045, -13.5970 by changing the saturation by 10% instead.

■ 83.5040, 59.4045,
-13.5970

■ 83.5040, 59.4045,
-13.5970

255.0000, 0.0000,
0.0000

■ 53.6550, 60.3161,
-26.0074

■ 137.2170, 58.0670,
-4.5753

■ 31.0740, 58.1375,
-27.2519

■ 161.4490, 46.1206,
0.4832

■ 16.2560, 52.1318,
-14.2565

■ 185.6810, 34.1743,
5.5418

■ 10.9440, 41.9326,
-9.5979

■ 211.0870, 21.6491,
9.5707

■ 12.7900, 28.6975,
-11.2168

■ 236.7920, 8.9765,
14.2144

■ 7.8200, 19.8087,
-6.8581

254.4130, 0.2894,

■ 3.5510, 11.0674,

0.5148

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 83.5040, 59.4045,
-13.5970

■ 83.5040, 59.4045,
-13.5970

■ 65.7840, 68.1405,
-15.5966

■ 101.2240, 50.6686,
-11.5974

■ 47.1780, 77.3132,
-17.6961

■ 119.8300, 41.4958,
-9.4979

■ 29.4580, 86.0492,
-19.6957

■ 137.5500, 32.7598,
-7.4984

■ 23.2560, 89.1068,
-20.3955

■ 156.1560, 23.5871,
-5.3988

■ 173.8760, 14.8511,
-3.3993

■ 191.5960, 6.1152,
-1.3997

■ 210.2020, -3.0576,
0.6998

■ 227.9220,
-11.7935, 2.6994

■ 246.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



83.0620, 69.4824, -72.8454



83.5040, 59.4045, -13.5970



66.4780, 42.6553, 85.5268

Triad

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



83.5040, 59.4045, -13.5970



78.9290, -38.9120, 67.5913



75.8900, 6.4632, -66.5555

Complementary

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



83.5040, 59.4045, -13.5970



188.4960, -59.4045, 13.5970

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.



64.8950, -28.0492, -56.9129



83.5040, 59.4045, -13.5970



82.7630, -40.8022, 20.3788

Square

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



83.5040, 59.4045, -13.5970



59.2470, -17.3768, 113.7934



68.8440, -33.9401, -34.0662



84.1150, 35.4393, -73.7689

Rectangle

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



83.5040, 59.4045, -13.5970



69.4640, 20.4772, 105.7101



68.8440, -33.9401, -34.0662



73.1540, -4.0199, -64.1561

Sweetspot

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



83.5040, 59.4045, -13.5970



209.8140, 22.2767, -5.0989



163.3360, 20.0474, -83.6097



100.5340, 13.5407, -3.0993



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.



83.5040, 59.4045, -13.5970



74.2560, 89.1068, -20.3955



103.8360, 49.3809, 28.2078



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



124.1680, 39.3572, 70.0127



135.2520, 59.0358, 105.0190



168.1640, -49.3809, -28.2078



96.1300, 2.8939, 5.1480



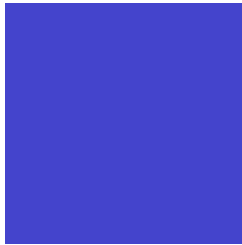
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 83.5040, 59.4045, -13.5970 looks on a white background.

Color Contrast Check

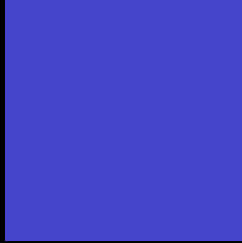
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 83.5040, 59.4045, -13.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

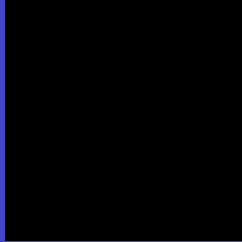
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5040, 59.4045, -13.5970

Background



This preview shows how black text looks on a background with the YUV color 83.5040, 59.4045, -13.5970.



This preview shows how white text looks on a background with the YUV color 83.5040, 59.4045, -13.5970.

-13.5970.

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

83.5040, 59.4045, -13.5970

Protanopia

69.6000, 53.4412, -61.0392

Deuteranopia

70.2720, 40.7849, -61.6285



Tritanopia

68.7950, 17.3561, -60.3332

Trichromacy



Original Color

83.5040, 59.4045, -13.5970

Protanomaly

74.5790, 55.4236, -43.4808

Deuteranomaly

75.2170, 47.7140, -44.0403

Tritanomaly

73.9170, 32.5789, -42.9002

Monochromacy



Original Color

83.5040, 59.4045, -13.5970

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7000, 21.8399, -4.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5040, 59.4045, -13.5970 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(68, 68, 204)` looks like.

```
.text, #text, p{  
    color:rgb(68, 68, 204)  
}
```

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(68, 68, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 68, 204) }
```

Border

The CSS property to change the border of an element to YUV 83.5040, 59.4045, -13.5970 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(68, 68, 204) }
```


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

```
.border{ border-color:rgb(68, 68, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 68, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 68, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 68, 204);  
box-shadow:4px 4px 4px 4px rgb(68, 68,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 83.5040, 59.4045, -13.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 68, 204) }
```

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

```
.background{ background-color: rgb(68, 68,  
204) }
```

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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