

Converting Colors

YUV(54.0590, 67.5119,
-47.4097)

Have a look what the booklet for
YUV(54.0590, 67.5119, -47.4097)
contains.

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Color

**YUV(54.0590, 67.5119,
-47.4097)**

Conversions

Conversions Part 1

Format	Color
Hex	0037BF
RGB	0, 55, 191
RGB Percent	0%, 22%, 75%
CMY	1.0000, 0.7843, 0.2510
CMYK	1.00, 0.71, 0.00, 0.25
HSL	223°, 100%, 37%
HSV	223°, 100%, 75%
XYZ	10.7702, 6.4940, 49.9760
YIQ	54.0590, -76.4360, 30.6360

Conversions

Conversions Part 2

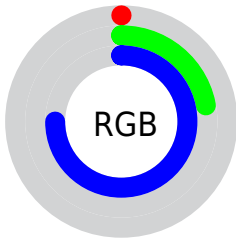
Format	Color
RYB	0, 43, 191
Decimal	14271
CIELab	30.63, 40.98, -73.89
CIELCh	31, 84.489, 299.014
Yxy	6.4940, 0.1602, 0.0966
Android (android.graphics.Color)	4278204351 (0xFF0037BF)
YUV	54.0590, 67.5119, -47.4097
Hunter-Lab	25.4833, 30.8449, -98.4372

Details

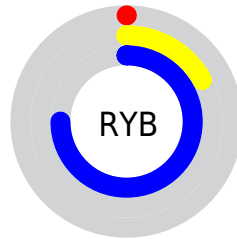
The YUV color **54.0590, 67.5119, -47.4097** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **136.9410, -67.5119, 47.4097**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5620, 64.7989, -17.1559**, and **23.7220, 55.3531, -20.8042** is the 20% darker color. If you saturate the color by 10%, you get **54.0590, 67.5119, -47.4097**, and if you desaturate by 10%, it is **67.9580, 60.6597, -42.9362**.

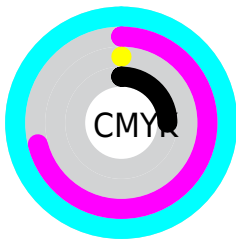
Distribution



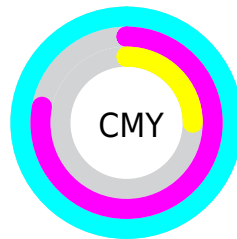
- Red (0%)
- Green (22%)
- Blue (75%)



- Red (0%)
- Yellow (17%)
- Blue (75%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (78%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.0590, 67.5119, -47.4097 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 54.0590, 67.5119, -47.4097 by changing the saturation by 10% instead.

■ 54.0590, 67.5119,
-47.4097

■ 54.0590, 67.5119,
-47.4097

■ 255.0000, 0.0000,
0.0000

■ 38.5400, 61.3588,
-33.7996

■ 117.5620, 64.7989,
-17.1559

■ 23.7220, 55.3531,
-20.8042

■ 142.4890, 55.4679,
-10.9529

■ 12.5400, 48.0478,
-10.9976

■ 167.0200, 43.3741,
-5.2795

■ 16.0330, 33.5077,
-14.0609

■ 192.1380, 30.9910,
-0.1210

■ 10.3620, 24.4715,
-9.0875

■ 217.8430, 18.3184,
4.5227

■ 5.3920, 15.5827,
-4.7288

■ 243.5480, 5.6458,

■ 2.1830, 5.8258,

9.1664

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 54.0590, 67.5119,
-47.4097

■ 67.9580, 60.6597,
-42.9362

■ 81.2700, 54.0969,
-37.9478

■ 95.1690, 47.2447,
-33.4742

■ 108.4810, 40.6819,
-28.4858

■ 122.6790, 33.6823,
-23.3975

■ 136.5780, 26.8300,
-18.9239

■ 149.8900, 20.2672,
-13.9355

■ 163.7890, 13.4150,
-9.4620

■ 177.1010, 6.8522,
-4.4736

Harmonies

Analogous

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



73.1340, 66.9819, -64.1385



54.0590, 67.5119, -47.4097



58.9450, 40.9461, 73.7162

Triad

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



54.0590, 67.5119, -47.4097



60.3450, -29.7501, 68.9804



62.9300, 2.4995, -55.1896

Complementary

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



54.0590, 67.5119, -47.4097



136.9410, -67.5119, 47.4097

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.



54.0040, -26.6240, -47.3615



54.0590, 67.5119, -47.4097



68.2990, -33.6714, 19.9088

Square

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



54.0590, 67.5119, -47.4097



52.7250, -19.0914, 103.7272



51.0910, -25.1879, -41.2988



71.8560, 31.6230, -63.0177

Rectangle

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



54.0590, 67.5119, -47.4097



62.1160, 18.1838, 94.6143



51.0910, -25.1879, -41.2988



60.1940, -7.9836, -52.7901

Sweetspot

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



54.0590, 67.5119, -47.4097



194.3500, 25.9565, -18.7239



127.3930, 3.2573, -111.7237



92.7610, 15.8938, -11.1914



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



54.0590, 67.5119, -47.4097



69.8350, 87.3423, -61.2453



33.1360, 77.8270, 4.2657



87.7870, 3.0630, -2.4442



45.0140, 55.7021, -39.4773



8.8170, 10.9362, -7.7325

Inverse Universe

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



63.3790, -4.1308, 111.9236



81.9470, -5.3969, 144.7515



157.8640, -77.8270, -4.2657



88.0330, -0.0163, 5.2331



52.4860, -3.1976, 92.5358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 54.0590, 67.5119, -47.4097 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 54.0590, 67.5119, -47.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

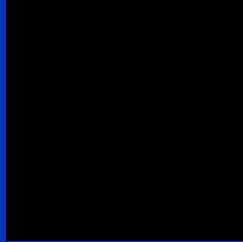
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.0590, 67.5119, -47.4097

Background



This preview shows how black text looks on a background with the YUV color 54.0590, 67.5119, -47.4097.



This preview shows how white text looks on a background with the YUV color 54.0590, 67.5119, -47.4097.

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

54.0590, 67.5119, -47.4097

Protanopia

57.8480, 43.9519, -50.7327

Deuteranopia

57.6880, 33.1848, -50.5924



Tritanopia

56.6500, 13.9766, -49.6820

Trichromacy



Original Color

54.0590, 67.5119, -47.4097

Protanomaly

56.7370, 52.3877, -49.7583

Deuteranomaly

56.3150, 45.6937, -49.3883

Tritanomaly

55.8130, 33.6162, -48.9480

Monochromacy



Original Color

54.0590, 67.5119, -47.4097

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.7200, 24.7880, -17.2944

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.0590, 67.5119, -47.4097 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(0, 55, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 191)  
}
```

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(0, 55, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 191) }
```

Border

The CSS property to change the border of an element to YUV 54.0590, 67.5119, -47.4097 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(0, 55, 191) }
```


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

```
.border{ border-color:rgb(0, 55, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 55, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 55, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 55, 191)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.0590, 67.5119, -47.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 191) }
```

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

```
.background{ background-color: rgb(0, 55,  
191) }
```

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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