

Converting Colors

YUV(93.7070, 54.8674, -5.0050)

Have a look what the booklet for
YUV(93.7070, 54.8674, -5.0050)
contains.

YUV(93.7070, 54.8674, -5.0050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(93.7070, 54.8674,
-5.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	584BCD
RGB	88, 75, 205
RGB Percent	35%, 29%, 80%
CMY	0.6549, 0.7059, 0.1961
CMYK	0.57, 0.63, 0.00, 0.20
HSL	246°, 57%, 55%
HSV	246°, 63%, 80%
XYZ	17.5600, 11.5146, 59.0546
YIQ	93.7070, -33.9820, 43.1860

Conversions

Conversions Part 2

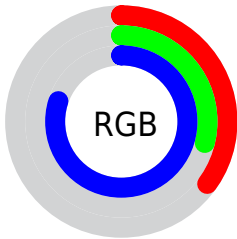
Format	Color
RYB	88, 75, 205
Decimal	5786573
CIELab	40.43, 41.52, -65.80
CIELCh	40, 77.808, 302.253
Yxy	11.5146, 0.1993, 0.1307
Android (android.graphics.Color)	4283976653 (0xFF584BCD)
YUV	93.7070, 54.8674, -5.0050
Hunter-Lab	33.9332, 32.9884, -79.4303

Details

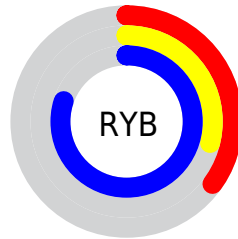
The YUV color **93.7070, 54.8674, -5.0050** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **186.2930, -54.8674, 5.0050**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6970, 53.3934, 1.1427**, and **35.0200, 56.6851, -28.0815** is the 20% darker color. If you saturate the color by 10%, you get **76.5850, 63.3086, -5.7750**, and if you desaturate by 10%, it is **111.4160, 46.1369, -4.7498**.

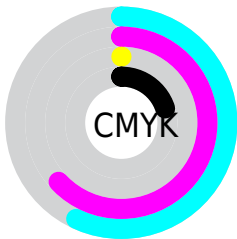
Distribution



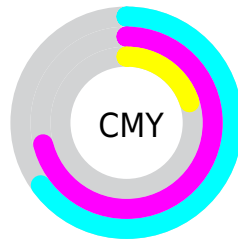
- Red (35%)
- Green (29%)
- Blue (80%)



- Red (35%)
- Yellow (29%)
- Blue (80%)



- Cyan (57%)
- Magenta (63%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7070, 54.8674, -5.0050 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 93.7070, 54.8674, -5.0050 by changing the saturation by 10% instead.

■ 93.7070, 54.8674,
-5.0050

■ 93.7070, 54.8674,
-5.0050

■ 255.0000, 0.0000,
0.0000

■ 67.1470, 54.1575,
-10.6529

■ 146.6970, 53.3934,
1.1427

■ 35.0200, 56.6851,
-28.0815

■ 170.6300, 41.5944,
5.5865

■ 18.7180, 51.4110,
-16.4157

■ 195.4490, 29.3586,
10.1302

■ 11.0580, 42.3694,
-9.6979

■ 220.8550, 16.8335,
14.1592

■ 12.9040, 29.1343,
-11.3168

■ 242.6730, 6.0772,
10.8108

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 93.7070, 54.8674,
-5.0050

■ 93.7070, 54.8674,
-5.0050

■ 76.5850, 63.3086,
-5.7750

■ 111.4160, 46.1369,
-4.7498

■ 58.5770, 72.1865,
-6.6450

■ 128.8370, 37.5484,
-3.3650

■ 41.4550, 80.6277,
-7.4150

■ 146.5460, 28.8178,
-3.1098

■ 29.3500, 86.5954,
-8.2000

■ 163.9670, 20.2293,
-1.7251

■ 181.6760, 11.4987,
-1.4699

■ 199.0970, 2.9102,
-0.0851

■ 216.8060, -5.8204,
0.1701

■ 234.2270,
-14.4089, 1.5549

■ 249.0010,
-21.6925, 4.3841

Harmonies

Analogous

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



86.1110, 68.4723, -75.5193



93.7070, 54.8674, -5.0050



79.1910, 37.8668, 81.3935

Triad

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



93.7070, 54.8674, -5.0050



87.1800, -42.9797, 65.6171



81.7260, 8.5161, -71.6737

Complementary

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



93.7070, 54.8674, -5.0050



186.2930, -54.8674, 5.0050

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.



71.8710, -21.6284, -63.0309



93.7070, 54.8674, -5.0050



89.5520, -44.1491, 20.5639

Square

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



93.7070, 54.8674, -5.0050



61.5400, -15.0562, 116.1674



77.4270, -38.1715, -30.1925



89.4950, 35.7450, -78.4871

Rectangle

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



93.7070, 54.8674, -5.0050



71.4150, 21.4874, 108.3840



77.4270, -38.1715, -30.1925



78.5170, -1.2409, -68.8594

Sweetspot

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



93.7070, 54.8674, -5.0050



213.6680, 20.3767, -2.3398



158.4990, 22.9250, -73.2286



102.3170, 12.6617, -1.1550



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.



93.7070, 54.8674, -5.0050



89.0960, 81.7907, -7.1002



113.1420, 45.2860, 34.9555



93.4390, 4.2206, -0.3850



24.0070, 70.0025, -6.1451



5.5280, 16.0087, -1.3401

Inverse Universe

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



127.2080, 31.9425, 68.2236



138.9560, 47.8427, 101.7706



166.8580, -45.2860, -34.9555



96.0160, 2.4571, 5.2480



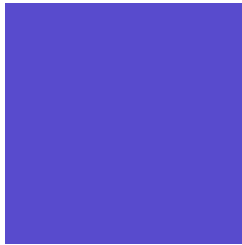
66.6200, 40.6133, 87.1563



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 93.7070, 54.8674, -5.0050 looks on a white background.

Color Contrast Check

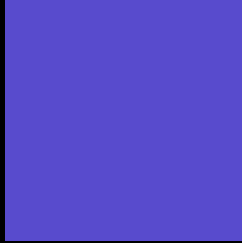
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.7070, 54.8674, -5.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

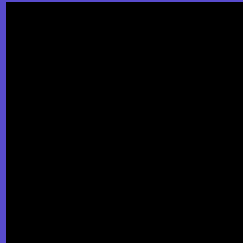
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7070, 54.8674, -5.0050

Background



This preview shows how black text looks on a background with the YUV color 93.7070, 54.8674, -5.0050.



This preview shows how white text looks on a background with the YUV color 93.7070, 54.8674, -5.0050.

-5.0050.

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

93.7070, 54.8674, -5.0050

Protanopia

76.1200, 58.1148, -66.7572

Deuteranopia

75.9770, 44.8743, -66.6318



Tritanopia

88.3640, 11.1595, -32.7682

Trichromacy



Original Color

93.7070, 54.8674, -5.0050

Protanomaly

82.6220, 56.8814, -44.3955

Deuteranomaly

82.4450, 48.5876, -44.2403

Tritanomaly

90.2570, 26.9883, -23.0274

Monochromacy



Original Color

93.7070, 54.8674, -5.0050

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8530, 19.7925, -1.6251

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7070, 54.8674, -5.0050 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(88, 75, 205)` looks like.

```
.text, #text, p{  
    color:rgb(88, 75, 205)  
}
```

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(88, 75, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 75, 205) }
```

Border

The CSS property to change the border of an element to YUV 93.7070, 54.8674, -5.0050 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(88, 75, 205) }
```


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

```
.border{ border-color:rgb(88, 75, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 75, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 75, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 75, 205);  
box-shadow:4px 4px 4px 4px rgb(88, 75,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 93.7070, 54.8674, -5.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 75, 205) }
```

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

```
.background{ background-color: rgb(88, 75,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor