

Converting Colors

YUV(53.7560, 84.4233, 35.2940)

Have a look what the booklet for
YUV(53.7560, 84.4233, 35.2940)
contains.

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Color

**YUV(53.7560, 84.4233,
35.2940)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5E00E1 |
| RGB | 94, 0, 225 |
| RGB Percent | 37%, 0%, 88% |
| CMY | 0.6314, 1.0000, 0.1176 |
| CMYK | 0.58, 1.00, 0.00, 0.12 |
| HSL | 265°, 100%, 44% |
| HSV | 265°, 100%, 88% |
| XYZ | 18.2067, 7.8159, 71.7832 |
| YIQ | 53.7560, -16.2010, 89.9030 |

Conversions

Conversions Part 2

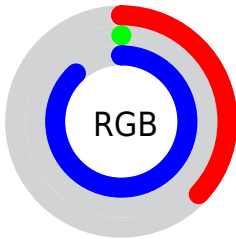
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 94, 0, 225 |
| Decimal | 6160609 |
| CIE _{Lab} | 33.60, 74.45, -88.56 |
| CIE _{LCh} | 34, 115.693, 310.054 |
| Yxy | 7.8159, 0.1862, 0.0799 |
| Android (android.graphics.Color) | 4284350689 (0xFF5E00E1) |
| YUV | 53.7560, 84.4233, 35.2940 |
| Hunter-Lab | 27.9570, 67.3216, -132.6649 |

Details

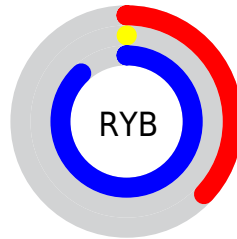
The YUV color **53.7560, 84.4233, 35.2940** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **171.2440, -84.4233, -35.2940**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6360, 66.2415, 33.6452**, and **19.1520, 73.3821, -16.7963** is the 20% darker color. If you saturate the color by 10%, you get **53.7560, 84.4233, 35.2940**, and if you desaturate by 10%, it is **70.5570, 76.1404, 31.9605**.

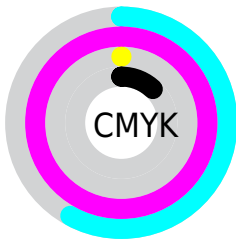
Distribution



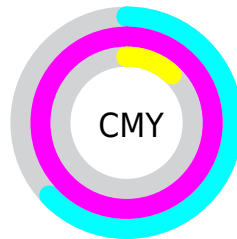
- Red (37%)
- Green (0%)
- Blue (88%)



- Red (37%)
- Yellow (0%)
- Blue (88%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (63%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.7560, 84.4233, 35.2940 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 53.7560, 84.4233, 35.2940 by changing the saturation by 10% instead.

■ 53.7560, 84.4233,
35.2940

■ 53.7560, 84.4233,
35.2940

■ 255.0000, 0.0000,
0.0000

■ 39.0880, 77.3576,
14.8318

■ 120.6360, 66.2415,
33.6452

■ 19.1520, 73.3821,
-16.7963

■ 146.3410, 53.5689,
38.2889

■ 16.0740, 61.5885,
-14.0969

■ 172.0460, 40.8963,
42.9327

■ 12.9960, 49.7950,
-11.3975

■ 198.0500, 28.0764,
48.1912

■ 15.9020, 35.5443,
-13.9461

■ 215.0840, 19.6786,
35.0063


■ 11.4050, 25.9293,
-10.0022


■ 232.1070, 11.2862,


■ 6.4350, 17.0405,


20.0772


-5.6435


 249.7170, 2.6045,
4.6332


 2.7530, 8.0098,
-2.4144


 0.0000, 0.0000,
0.0000

 53.7560, 84.4233,
35.2940

 70.5570, 76.1404,
31.9605

 87.9450, 67.5681,
28.1122

 105.3330, 58.9958,
24.2640

 122.1340, 50.7129,
20.9305

■ 139.8210, 41.9932,
17.6970

■ 156.6220, 33.7104,
14.3635

■ 173.4230, 25.4275,
11.0300

■ 190.8110, 16.8552,
7.1818

■ 208.1990, 8.2829,
3.3335

Harmonies

Analogous

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



80.7260, 85.9171, -70.7967



53.7560, 84.4233, 35.2940



75.9170, 33.5649, 107.9438

Triad

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



53.7560, 84.4233, 35.2940



70.0580, -34.5386, 64.8471



75.2350, 16.6461, -65.9811

Complementary

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



53.7560, 84.4233, 35.2940



171.2440, -84.4233, -35.2940

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.



61.0480, -30.0967, -53.5391



53.7560, 84.4233, 35.2940



70.8140, -34.9113, -2.4679

Square

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



53.7560, 84.4233, 35.2940



58.9030, -29.0392, 121.1111



58.7000, -28.9391, -51.4799



87.2560, 55.0898, -76.5235

Rectangle

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



53.7560, 84.4233, 35.2940



75.3560, 4.2615, 126.8528



58.7000, -28.9391, -51.4799



71.0000, 2.9580, -62.2670

Sweetspot

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



53.7560, 84.4233, 35.2940



196.9330, 28.6270, 11.4598



102.5470, 60.3693, -89.9337



92.9250, 17.2920, 7.0818



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.



53.7560, 84.4233, 35.2940



61.0630, 95.6109, 40.2867



87.2440, 67.9137, 104.1490



103.7490, 4.0677, 1.9741



42.1900, 65.9683, 27.8974



11.4520, 18.0182, 7.4966

Inverse Universe

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



82.2090, 24.0540, 125.2277



93.1170, 27.0573, 141.9714



137.7560, -67.9137, -104.1490



105.0870, 1.4361, 6.0627



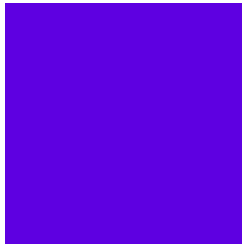
64.2520, 18.6098, 98.0030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 53.7560, 84.4233, 35.2940 looks on a white background.

Color Contrast Check

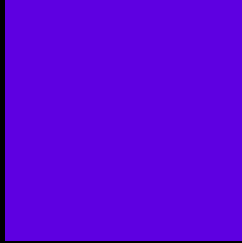
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.7560, 84.4233, 35.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

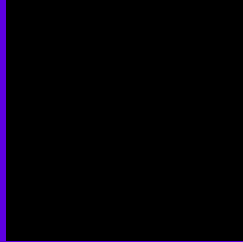
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.7560, 84.4233, 35.2940

Background



This preview shows how black text looks on a background with the YUV color 53.7560, 84.4233, 35.2940.



This preview shows how white text looks on a background with the YUV color 53.7560, 84.4233,

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



Protanopia

64.4820, 49.0624, -56.5507

Deuteranopia

64.5670, 36.6955, -56.6253

Tritanopia

73.8590, 10.4225, -29.6943

Trichromacy



Protanomaly

60.7200, 61.7630, -23.4334

Deuteranomaly

60.6570, 53.9061, -23.3782

Tritanomaly

66.4130, 37.2644, -5.6242

Monochromacy



Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8130, 30.6582, 13.3190

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.7560, 84.4233, 35.2940 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(94, 0, 225)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 225)  
}
```

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(94, 0, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 225) }
```

Border

The CSS property to change the border of an element to YUV 53.7560, 84.4233, 35.2940 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(94, 0, 225) }
```

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

```
.border{ border-color:rgb(94, 0, 225) }
```

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

Here you see how a box with a 4 pixel rgb(94, 0, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 225);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 225)  
}
```


Background

The CSS property to change the background color of an element to YUV 53.7560, 84.4233, 35.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 225) }
```

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

```
.background{ background-color: rgb(94, 0,  
225) }
```

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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