

Converting Colors

YUV(53.0740, 92.1545, 28.8761)

Have a look what the booklet for
YUV(53.0740, 92.1545, 28.8761)
contains.

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Color

**YUV(53.0740, 92.1545,
28.8761)**

Conversions

Conversions Part 1

Format	Color
Hex	5600F0
RGB	86, 0, 240
RGB Percent	34%, 0%, 94%
CMY	0.6627, 1.0000, 0.0588
CMYK	0.64, 1.00, 0.00, 0.06
HSL	262°, 100%, 47%
HSV	262°, 100%, 94%
XYZ	19.5659, 8.2697, 83.0030
YIQ	53.0740, -25.7840, 92.8720

Conversions

Conversions Part 2

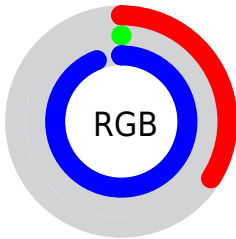
Format	Color
RYB	86, 0, 240
Decimal	5636336
CIELab	34.54, 77.39, -95.57
CIELCh	35, 122.972, 309.001
Yxy	8.2697, 0.1765, 0.0746
Android (android.graphics.Color)	4283826416 (0xFF5600F0)
YUV	53.0740, 92.1545, 28.8761
Hunter-Lab	28.7571, 71.1240, -151.0018

Details

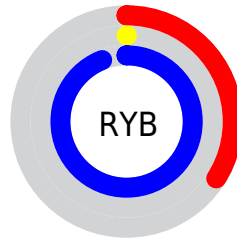
The YUV color **53.0740, 92.1545, 28.8761** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **186.9260, -92.1545, -28.8761**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4400, 66.8311, 31.1861**, and **20.7480, 79.4972, -18.1960** is the 20% darker color. If you saturate the color by 10%, you get **53.0740, 92.1545, 28.8761**, and if you desaturate by 10%, it is **71.6470, 82.9980, 25.7426**.

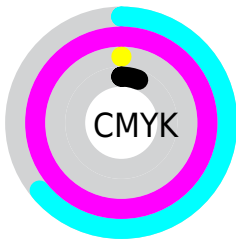
Distribution



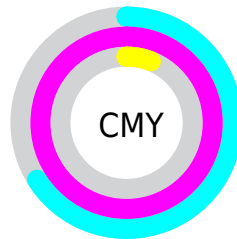
- Red (34%)
- Green (0%)
- Blue (94%)



- Red (34%)
- Yellow (0%)
- Blue (94%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (66%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0740, 92.1545, 28.8761 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 53.0740, 92.1545, 28.8761 by changing the saturation by 10% instead.

■ 53.0740, 92.1545,
28.8761

■ 53.0740, 92.1545,
28.8761

■ 255.0000, 0.0000,
0.0000

■ 36.3130, 86.1207,
4.1105

■ 119.4400, 66.8311,
31.1861

■ 20.7480, 79.4972,
-18.1960

■ 145.4440, 54.0111,
36.4446

■ 17.5560, 67.2669,
-15.3966

■ 171.4480, 41.1911,
41.7031

■ 14.4780, 55.4733,
-12.6972

■ 198.0390, 28.0818,
46.4468

■ 16.2100, 41.8015,
-14.2162

■ 215.6710, 19.3892,
34.4915

■ 13.9470, 30.5921,
-12.2315


■ 232.6940, 10.9969,


■ 8.2760, 21.5559,


19.5624


-7.2581


 250.3040, 2.3151,
4.1184


 4.5940, 12.5252,
-4.0289


 0.0000, 0.0000,
0.0000

 53.0740, 92.1545,
28.8761

 71.6470, 82.9980,
25.7426

 90.5190, 73.6941,
23.2238

 109.0920, 64.5376,
20.0903

 127.9640, 55.2337,
17.5716

■ 146.5370, 46.0773,
14.4381

■ 165.1100, 36.9208,
11.3045

■ 183.9820, 27.6169,
8.7858

■ 202.5550, 18.4604,
5.6523

■ 221.4270, 9.1565,
3.1335

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



53.0740, 92.1545, 28.8761



79.4490, 36.7536, 111.8622

Triad

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



53.0740, 92.1545, 28.8761



70.1020, -34.5603, 71.8245



77.1100, 16.2148, -67.6255

Complementary

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



53.0740, 92.1545, 28.8761



186.9260, -92.1545, -28.8761

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.



62.8090, -30.9648, -55.0835



53.0740, 92.1545, 28.8761



73.4830, -36.2271, -0.4236

Square

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



53.0740, 92.1545, 28.8761



62.1920, -30.6607, 127.8736



60.4610, -29.8073, -53.0243



90.5160, 57.4266, -79.3825

Rectangle

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



53.0740, 92.1545, 28.8761



79.3290, 5.2608, 133.0155



60.4610, -29.8073, -53.0243



72.6470, 1.6530, -63.7114

Sweetspot

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



53.0740, 92.1545, 28.8761



195.7370, 29.2167, 9.0007



118.9320, 59.6865, -104.3034



92.0280, 17.7342, 5.2374



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.



53.0740, 92.1545, 28.8761



56.2790, 97.9695, 30.4503



88.3560, 74.7605, 101.4198



110.5640, 4.6519, 1.2594



40.7100, 70.6420, 22.1793



12.3640, 21.5125, 6.6968

Inverse Universe

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



89.3160, 31.8892, 132.1499



94.9410, 34.0461, 140.3717



151.6440, -74.7605, -101.4198



112.5000, 1.7255, 6.5775



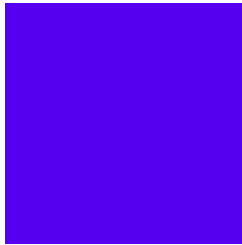
68.4680, 24.4193, 101.3216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 53.0740, 92.1545, 28.8761 looks on a white background.

Color Contrast Check

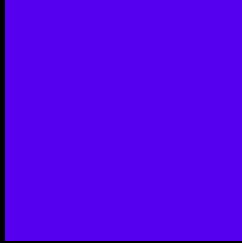
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0740, 92.1545, 28.8761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

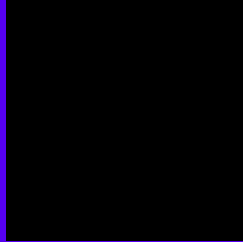
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0740, 92.1545, 28.8761

Background



This preview shows how black text looks on a background with the YUV color 53.0740, 92.1545, 28.8761.



This preview shows how white text looks on a background with the YUV color 53.0740, 92.1545,

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

65.9980, 49.7940, -57.8802

Deuteranopia

66.0830, 37.4271, -57.9548

Tritanopia

64.5890, 16.4716, -56.6446

Trichromacy



Protanomaly

61.3220, 65.4103, -26.5924

Deuteranomaly

61.2590, 57.5533, -26.5371

Tritanomaly

60.4150, 44.1654, -25.7970

Monochromacy



Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1870, 33.4318, 10.3600

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0740, 92.1545, 28.8761 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(86, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(86, 0, 240)  
}
```

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(86, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 0, 240) }
```

Border

The CSS property to change the border of an element to YUV 53.0740, 92.1545, 28.8761 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(86, 0, 240) }
```

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

```
.border{ border-color:rgb(86, 0, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 0, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(86, 0, 240)  
}
```


Background

The CSS property to change the background color of an element to YUV 53.0740, 92.1545, 28.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 0, 240) }
```

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

```
.background{ background-color: rgb(86, 0,  
240) }
```

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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