

Converting Colors

YUV(57.0400, 76.3953,
-50.0241)

Have a look what the booklet for
YUV(57.0400, 76.3953, -50.0241)
contains.

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Color

**YUV(57.0400, 76.3953,
-50.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	0038D4
RGB	0, 56, 212
RGB Percent	0%, 22%, 83%
CMY	1.0000, 0.7804, 0.1686
CMYK	1.00, 0.74, 0.00, 0.17
HSL	224°, 100%, 42%
HSV	224°, 100%, 83%
XYZ	13.2978, 7.5818, 63.0499
YIQ	57.0400, -83.4520, 36.6440

Conversions

Conversions Part 2

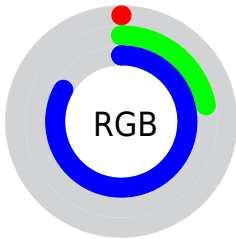
Format	Color
RYB	0, 44, 212
Decimal	14548
CIELab	33.10, 47.95, -82.05
CIELCh	33, 95.033, 300.299
Yxy	7.5818, 0.1584, 0.0903
Android (android.graphics.Color)	4278204628 (0xFF0038D4)
YUV	57.0400, 76.3953, -50.0241
Hunter-Lab	27.5351, 38.0186, -116.4878

Details

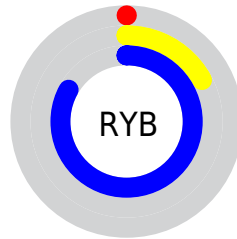
The YUV color **57.0400, 76.3953, -50.0241** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **154.9600, -76.3953, 50.0241**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5130, 65.8091, -14.4819**, and **26.0020, 64.0890, -22.8038** is the 20% darker color. If you saturate the color by 10%, you get **57.0400, 76.3953, -50.0241**, and if you desaturate by 10%, it is **72.7110, 68.6695, -45.3505**.

Distribution



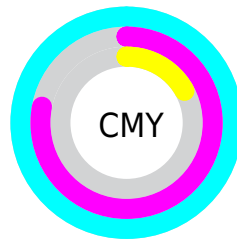
- Red (0%)
- Green (22%)
- Blue (83%)



- Red (0%)
- Yellow (17%)
- Blue (83%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (78%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.0400, 76.3953, -50.0241 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 57.0400, 76.3953, -50.0241 by changing the saturation by 10% instead.

■ 57.0400, 76.3953,
-50.0241

■ 57.0400, 76.3953,
-50.0241

■ 255.0000, 0.0000,
0.0000

■ 40.9340, 70.5315,
-35.8991

■ 121.5130, 65.8091,
-14.4819

■ 26.0020, 64.0890,
-22.8038

■ 146.0550, 53.7099,
-7.0642

■ 14.7060, 56.3469,
-12.8972

■ 170.8850, 41.4687,
-0.7761

■ 13.5030, 44.1220,
-11.8421

■ 196.5900, 28.7961,
3.8676

■ 14.6480, 30.7395,
-12.8463

■ 222.0070, 16.2655,
9.6409

■ 9.0910, 22.1401,
-7.9728

■ 245.6080, 4.6303,

■ 4.7080, 12.9620,

8.2368

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 57.0400, 76.3953,
-50.0241

■ 72.7110, 68.6695,
-45.3505

■ 87.7950, 61.2331,
-40.1622

■ 103.7650, 53.3599,
-34.8739

■ 118.8490, 45.9234,
-29.6856

■ 134.5200, 38.1976,
-25.0120

■ 150.1910, 30.4718,
-20.3385

■ 165.2750, 23.0354,
-15.1502

■ 181.2450, 15.1622,
-9.8619

■ 196.3290, 7.7258,
-4.6735

Harmonies

Analogous

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



80.0930, 75.8762, -70.2416



57.0400, 76.3953, -50.0241



65.6950, 43.5344, 83.5825

Triad

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



57.0400, 76.3953, -50.0241



63.9330, -31.5190, 76.3578



68.6520, 4.1156, -60.2078

Complementary

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



57.0400, 76.3953, -50.0241



154.9600, -76.3953, 50.0241

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.



58.7000, -28.9391, -51.4799



57.0400, 76.3953, -50.0241



73.0170, -35.9974, 19.2791

Square

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



57.0400, 76.3953, -50.0241



57.0100, -24.6549, 114.8782



54.5910, -26.9134, -47.8763



78.4900, 36.7334, -68.8357

Rectangle

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



57.0400, 76.3953, -50.0241



68.8940, 18.2933, 106.2100



54.5910, -26.9134, -47.8763



65.5740, -7.6780, -57.5084

Sweetspot

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



57.0400, 76.3953, -50.0241



199.4040, 27.4088, -17.8943



142.1140, 6.3528, -124.6340



94.2880, 16.6200, -10.7766



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.



57.0400, 76.3953, -50.0241



68.3990, 91.9943, -59.9859



38.8190, 85.3782, 8.9287



99.0150, 3.9366, -2.6442



45.9090, 61.6699, -40.2622



11.3590, 15.5990, -9.9618

Inverse Universe

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



69.7720, -6.7896, 124.7340



83.8830, -8.3233, 150.0696



173.1810, -85.3782, -8.9287



99.6310, -0.3111, 6.4626



56.2590, -5.5507, 100.6279



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 57.0400, 76.3953, -50.0241 looks on a white background.

Color Contrast Check

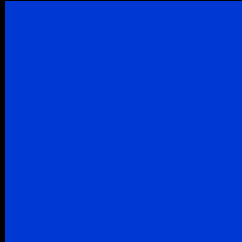
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.0400, 76.3953, -50.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

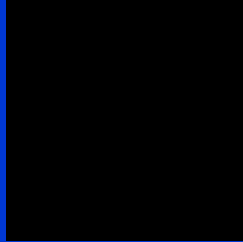
Any Text WCAG AA × Fail

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 57.0400, 76.3953, -50.0241 Background



This preview shows how black text looks on a background with the YUV color 57.0400, 76.3953, -50.0241.



This preview shows how white text looks on a background with the YUV color 57.0400, 76.3953, -50.0241.

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

62.0370, 47.3098, -54.4064

Deuteranopia

62.2360, 35.3797, -54.5810

Tritanopia

60.8560, 14.8610, -53.3707

Trichromacy



Protanomaly

60.2080, 58.0715, -52.8024

Deuteranomaly

60.1450, 50.2145, -52.7472

Tritanomaly

59.4150, 37.2634, -52.1070

Monochromacy



Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1050, 27.5562, -18.5091

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0400, 76.3953, -50.0241 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, 56, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 212)  
}
```

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, 56, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 212) }
```

Border

The CSS property to change the border of an element to YUV 57.0400, 76.3953, -50.0241 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, 56, 212) }
```

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

```
.border{ border-color:rgb(0, 56, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 56, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 56, 212)  
}
```


Background

The CSS property to change the background color of an element to YUV 57.0400, 76.3953, -50.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 212) }
```

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

```
.background{ background-color: rgb(0, 56,  
212) }
```

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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