

Converting Colors

YUV(77.5580, 67.2659,
-61.8794)

Have a look what the booklet for
YUV(77.5580, 67.2659, -61.8794)
contains.

YUV(77.5580, 67.2659, -61.8794)	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(77.5580, 67.2659,
-61.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	0757D6
RGB	7, 87, 214
RGB Percent	3%, 34%, 84%
CMY	0.9725, 0.6588, 0.1608
CMYK	0.97, 0.59, 0.00, 0.16
HSL	217°, 94%, 43%
HSV	217°, 97%, 84%
XYZ	15.6334, 11.7166, 65.0559
YIQ	77.5580, -88.4470, 22.5370

Conversions

Conversions Part 2

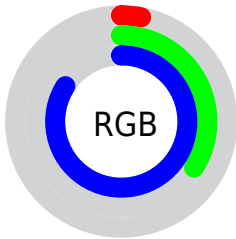
Format	Color
R_{YB}	7, 65, 214
Decimal	481238
CIE _{Lab}	40.76, 29.29, -70.58
CIE _{LCh}	41, 76.420, 292.535
Yxy	11.7166, 0.1692, 0.1268
Android (android.graphics.Color)	4278671318 (0xFF0757D6)
YUV	77.5580, 67.2659, -61.8794
Hunter-Lab	34.2295, 21.6234, -88.7246

Details

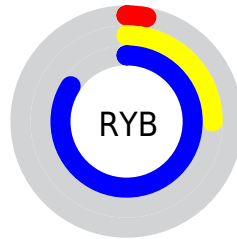
The YUV color **77.5580, 67.2659, -61.8794** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **143.4420, -67.2659, 61.8794**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9980, 56.6960, -31.5702**, and **43.2530, 56.5703, -37.9329** is the 20% darker color. If you saturate the color by 10%, you get **73.1170, 69.4553, -64.1236**, and if you desaturate by 10%, it is **91.4680, 60.4083, -55.6614**.

Distribution



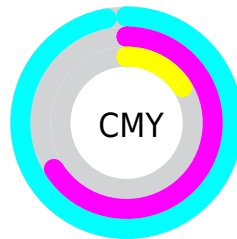
- Red (3%)
- Green (34%)
- Blue (84%)



- Red (3%)
- Yellow (25%)
- Blue (84%)



- Cyan (97%)
- Magenta (59%)
- Yellow (0%)
- Black (16%)



- Cyan (97%)
- Magenta (66%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5580, 67.2659, -61.8794 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 77.5580, 67.2659, -61.8794 by changing the saturation by 10% instead.

■ 77.5580, 67.2659,
-61.8794

■ 77.5580, 67.2659,
-61.8794

255.0000, 0.0000,
0.0000

■ 58.7720, 62.7234,
-51.5430

■ 139.9980, 56.6960,
-31.5702

■ 43.2530, 56.5703,
-37.9329

■ 165.1270, 44.3074,
-24.6674

■ 29.6090, 49.9858,
-25.9671

■ 190.2450, 31.9242,
-19.5089

■ 11.9700, 45.8638,
-10.4977

■ 215.9500, 19.2517,
-14.8651

■ 14.9900, 32.0499,
-13.1462

■ 241.6550, 6.5791,
-10.2214

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 77.5580, 67.2659,
-61.8794

■ 77.5580, 67.2659,
-61.8794

■ 73.1170, 69.4553,
-64.1236

■ 91.4680, 60.4083,
-55.6614

■ 105.6770, 53.4032,
-48.8287

■ 119.5870, 46.5456,
-42.6108

■ 134.3830, 39.2512,
-36.2929

■ 148.2930, 32.3936,
-30.0750

■ 162.2030, 25.5359,
-23.8570

■ 176.4120, 18.5309,
-17.0243

■ 190.3220, 11.6733,
-10.8064

■ 204.5310, 4.6682,
-3.9737

Harmonies

Analogous

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



89.4050, 65.8623, -78.4082



77.5580, 67.2659, -61.8794



92.5850, 40.1376, 52.9840

Triad

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



77.5580, 67.2659, -61.8794



84.3110, -41.5653, 78.6573



79.3320, -0.6567, -69.5742

Complementary

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



77.5580, 67.2659, -61.8794



143.4420, -67.2659, 61.8794

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.



68.0920, -33.5694, -59.7167



77.5580, 67.2659, -61.8794



90.8250, -44.7767, 35.2335

Square

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



77.5580, 67.2659, -61.8794



65.5430, -6.1837, 117.0418



84.6360, -41.7255, -10.2048



87.3290, 27.4458, -76.5875

Rectangle

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



77.5580, 67.2659, -61.8794



71.0040, 31.5500, 100.8515



84.6360, -41.7255, -10.2048



76.1230, -10.4136, -66.7599

Sweetspot

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



77.5580, 67.2659, -61.8794



206.4590, 23.9307, -22.3275



142.6450, -5.7410, -118.9607



98.1090, 14.7363, -13.2506



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.



77.5580, 67.2659, -61.8794



87.1830, 82.7338, -76.4595



36.8770, 87.3216, -7.7851



100.1890, 3.3578, -3.6738



58.2360, 55.5927, -51.0730



14.8810, 13.8627, -13.0506

Inverse Universe

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



78.0130, 4.4306, 119.2606



87.5310, 5.6542, 146.8703



184.1230, -87.3216, 7.7851



99.8590, 0.5625, 6.2627



58.6530, 3.6221, 98.5283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 77.5580, 67.2659, -61.8794 looks on a white background.

Color Contrast Check

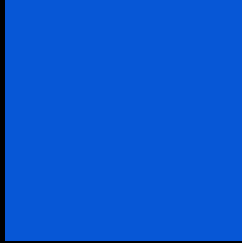
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.5580, 67.2659, -61.8794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

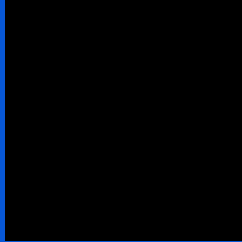
Any Text WCAG AA × Fail

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 77.5580, 67.2659, -61.8794 Background



This preview shows how black text looks on a background with the YUV color 77.5580, 67.2659, -61.8794.



This preview shows how white text looks on a background with the YUV color 77.5580, 67.2659, -61.8794.

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

77.5580, 67.2659, -61.8794

Protanopia

76.2340, 58.5516, -66.8572

Deuteranopia

76.6780, 45.0217, -67.2466



Tritanopia

75.1040, 18.6827, -65.8662

Trichromacy



Original Color

77.5580, 67.2659, -61.8794

Protanomaly

76.7550, 61.7458, -64.6831

Deuteranomaly

77.1650, 53.1627, -65.0427

Tritanomaly

76.1100, 36.4278, -64.1175

Monochromacy



Original Color

77.5580, 67.2659, -61.8794

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.5730, 24.3675, -22.4275

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5580, 67.2659, -61.8794 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(7, 87, 214)` looks like.

```
.text, #text, p{  
    color:rgb(7, 87, 214)  
}
```

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(7, 87, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 87, 214) }
```

Border

The CSS property to change the border of an element to YUV 77.5580, 67.2659, -61.8794 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(7, 87, 214) }
```


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

```
.border{ border-color:rgb(7, 87, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 87, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 87, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 87, 214);  
box-shadow:4px 4px 4px 4px rgb(7, 87, 214)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.5580, 67.2659, -61.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 87, 214) }
```

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

```
.background{ background-color: rgb(7, 87,  
214) }
```

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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