

Converting Colors

YUV(85.6040, 77.5962,
-61.9197)

Have a look what the booklet for
YUV(85.6040, 77.5962, -61.9197)
contains.

YUV(85.6040, 77.5962, -61.9197)	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(85.6040, 77.5962,
-61.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	0F5BF3
RGB	15, 91, 243
RGB Percent	6%, 36%, 95%
CMY	0.9412, 0.6431, 0.0471
CMYK	0.94, 0.63, 0.00, 0.05
HSL	220°, 90%, 51%
HSV	220°, 94%, 95%
XYZ	20.1157, 14.0548, 86.4467
YIQ	85.6040, -94.0880, 31.1600

Conversions

Conversions Part 2

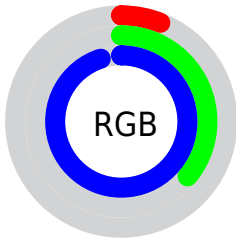
Format	Color
R_{YB}	15, 72, 243
Decimal	1006579
CIE _{Lab}	44.31, 38.00, -81.21
CIE _{LCh}	44, 89.661, 295.079
Yxy	14.0548, 0.1668, 0.1165
Android (android.graphics.Color)	4279196659 (0xFF0F5BF3)
YUV	85.6040, 77.5962, -61.9197
Hunter-Lab	37.4897, 30.1702, -110.4726

Details

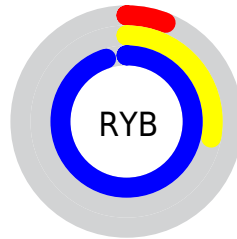
The YUV color **85.6040, 77.5962, -61.9197** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **172.3960, -77.5962, 61.9197**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9230, 53.7750, -27.9965**, and **48.6790, 67.2063, -42.6915** is the 20% darker color. If you saturate the color by 10%, you get **75.2490, 82.7012, -65.9934**, and if you desaturate by 10%, it is **102.1720, 69.4282, -55.4018**.

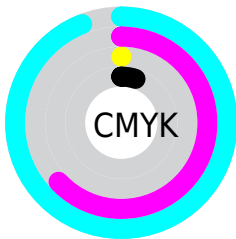
Distribution



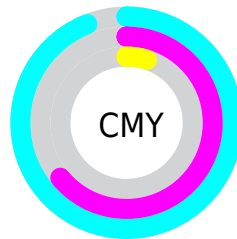
- Red (6%)
- Green (36%)
- Blue (95%)



- Red (6%)
- Yellow (28%)
- Blue (95%)



- Cyan (94%)
- Magenta (63%)
- Yellow (0%)
- Black (5%)



- Cyan (94%)
- Magenta (64%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6040, 77.5962, -61.9197 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 85.6040, 77.5962, -61.9197 by changing the saturation by 10% instead.

■ 85.6040, 77.5962,
-61.9197

■ 85.6040, 77.5962,
-61.9197

■ 255.0000, 0.0000,
0.0000

■ 64.3120, 73.7962,
-56.4016

■ 145.9230, 53.7750,
-27.9965

■ 48.6790, 67.2063,
-42.6915

■ 171.3510, 41.2390,
-20.4788

■ 34.4480, 60.9111,
-30.2109

■ 196.7680, 28.7084,
-14.7055

■ 21.3910, 54.0372,
-18.7599

■ 222.7720, 15.8884,
-9.4470

■ 16.5520, 43.1119,
-14.5161

■ 248.7760, 3.0684,
-4.1886

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 85.6040, 77.5962,
-61.9197

■ 85.6040, 77.5962,
-61.9197

■ 75.2490, 82.7012,
-65.9934

■ 102.1720, 69.4282,
-55.4018

■ 119.0390, 61.1128,
-48.2692

■ 136.1940, 52.6554,
-42.2661

■ 152.7620, 44.4873,
-35.7483

■ 169.6290, 36.1719,
-28.6156

■ 186.1970, 28.0039,
-22.0978

■ 202.7650, 19.8359,
-15.5799

■ 219.9200, 11.3784,
-9.5768

■ 236.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



99.5100, 76.6566, -87.2703



85.6040, 77.5962, -61.9197



91.5460, 49.5238, 75.8202

Triad

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



85.6040, 77.5962, -61.9197



90.8670, -44.7974, 88.6936



87.7440, 1.1122, -76.9515

Complementary

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



85.6040, 77.5962, -61.9197



172.3960, -77.5962, 61.9197

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.



75.1360, -37.0420, -65.8943



85.6040, 77.5962, -61.9197



99.0870, -48.8499, 35.0037

Square

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



85.6040, 77.5962, -61.9197



72.4480, -12.0529, 132.9111



89.2880, -44.0190, -21.3006



97.6960, 34.1669, -85.6794

Rectangle

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



85.6040, 77.5962, -61.9197



80.5160, 31.7906, 117.0655



89.2880, -44.0190, -21.3006



84.0790, -10.3919, -73.7373

Sweetspot

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



85.6040, 77.5962, -61.9197



205.5950, 24.3567, -18.9388



166.1640, 0.4121, -132.5708



97.8210, 14.8782, -12.1210



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.



85.6040, 77.5962, -61.9197



78.9650, 86.7853, -69.2523



52.3540, 93.9885, 0.5665



113.7160, 4.0840, -3.2589



57.5980, 63.3022, -50.5134



18.4660, 19.9833, -16.1947

Inverse Universe

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



91.8360, -0.4121, 132.5708



85.9350, -0.4610, 148.2700



205.6460, -93.9885, -0.5665



114.0440, -0.0217, 6.9774



62.6820, -0.3362, 108.1499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 85.6040, 77.5962, -61.9197 looks on a white background.

Color Contrast Check

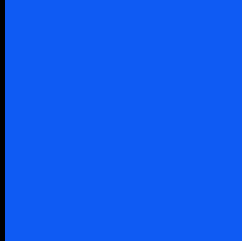
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.6040, 77.5962, -61.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

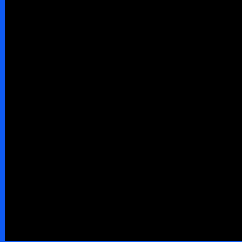
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6040, 77.5962, -61.9197

Background



This preview shows how black text looks on a background with the YUV color 85.6040, 77.5962, -61.9197.



This preview shows how white text looks on a background with the YUV color 85.6040, 77.5962, -61.9197.

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

85.6040, 77.5962, -61.9197

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

83.4430, 48.0956, -73.1795



Tritanopia

81.4130, 20.0094, -71.3992

Trichromacy



Original Color

85.6040, 77.5962, -61.9197

Protanomaly

83.8560, 68.5980, -69.1567

Deuteranomaly

84.0380, 59.1413, -69.3163

Tritanomaly

82.6410, 41.0960, -68.0912

Monochromacy



Original Color

85.6040, 77.5962, -61.9197

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8980, 28.1513, -22.7125

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6040, 77.5962, -61.9197 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(15, 91, 243)` looks like.

```
.text, #text, p{  
    color:rgb(15, 91, 243)  
}
```

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(15, 91, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 91, 243) }
```

Border

The CSS property to change the border of an element to YUV 85.6040, 77.5962, -61.9197 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(15, 91, 243) }
```


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

```
.border{ border-color:rgb(15, 91, 243) }
```

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

Here you see how a box with a 4 pixel rgb(15, 91, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 91, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 91, 243);  
box-shadow:4px 4px 4px 4px rgb(15, 91,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 85.6040, 77.5962, -61.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 91, 243) }
```

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

```
.background{ background-color: rgb(15, 91,  
243) }
```

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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