

Converting Colors

YUV(88.7700, 69.1334,
-54.1723)

Have a look what the booklet for
YUV(88.7700, 69.1334, -54.1723)
contains.

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Color

**YUV(88.7700, 69.1334,
-54.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	1B5DE5
RGB	27, 93, 229
RGB Percent	11%, 36%, 90%
CMY	0.8941, 0.6353, 0.1020
CMYK	0.88, 0.59, 0.00, 0.10
HSL	220°, 80%, 50%
HSV	220°, 88%, 90%
XYZ	18.5092, 13.7189, 75.8012
YIQ	88.7700, -82.9920, 28.3040

Conversions

Conversions Part 2

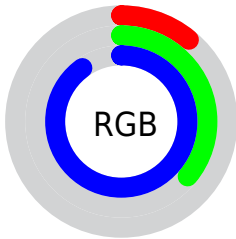
Format	Color
RYB	27, 77, 229
Decimal	1793509
CIELab	43.83, 31.94, -74.11
CIELCh	44, 80.696, 293.316
Yxy	13.7189, 0.1713, 0.1270
Android (android.graphics.Color)	4279983589 (0xFF1B5DE5)
YUV	88.7700, 69.1334, -54.1723
Hunter-Lab	37.0390, 24.3822, -95.4112

Details

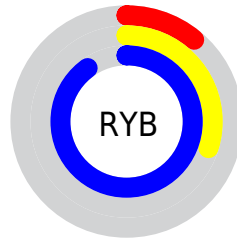
The YUV color **88.7700, 69.1334, -54.1723** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **167.2300, -69.1334, 54.1723**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7980, 53.3436, -29.6408**, and **48.3710, 60.9491, -42.4214** is the 20% darker color. If you saturate the color by 10%, you get **73.0880, 76.8646, -60.5902**, and if you desaturate by 10%, it is **104.4520, 61.4022, -47.7544**.

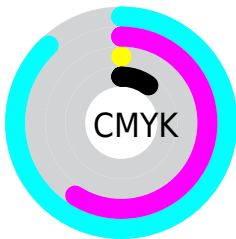
Distribution



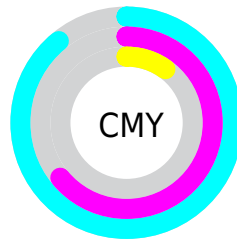
- Red (11%)
- Green (36%)
- Blue (90%)



- Red (11%)
- Yellow (30%)
- Blue (90%)



- Cyan (88%)
- Magenta (59%)
- Yellow (0%)
- Black (10%)



- Cyan (89%)
- Magenta (64%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7700, 69.1334, -54.1723 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 88.7700, 69.1334, -54.1723 by changing the saturation by 10% instead.

■ 88.7700, 69.1334,
-54.1723

■ 88.7700, 69.1334,
-54.1723

255.0000, 0.0000,
0.0000

■ 63.8900, 67.1022,
-56.0315

■ 146.7980, 53.3436,
-29.6408

■ 48.3710, 60.9491,
-42.4214

■ 171.9270, 40.9550,
-22.7380

■ 33.5530, 54.9434,
-29.4260

■ 197.0450, 28.5718,
-17.5795

■ 19.9090, 48.3589,
-17.4602

■ 222.7500, 15.8993,
-12.9358

■ 16.4720, 37.7283,
-14.4459

■ 248.7540, 3.0793,
-7.6773

■ 11.8610, 27.6765,
-10.4021

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 88.7700, 69.1334,
-54.1723

■ 88.7700, 69.1334,
-54.1723

■ 73.0880, 76.8646,
-60.5902

■ 104.4520, 61.4022,
-47.7544

■ 70.1310, 78.3224,
-61.5049

■ 120.7210, 53.3815,
-41.8513

■ 136.4030, 45.6503,
-35.4334

■ 152.6720, 37.6297,
-29.5303

■ 168.0550, 30.0459,
-23.7272

■ 184.3240, 22.0253,
-17.8241

■ 200.0060, 14.2940,
-11.4063

■ 215.6880, 6.5628,
-4.9884

■ 231.9570, -1.4578,
0.9147

Harmonies

Analogous

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



95.9250, 70.5360, -84.1262



88.7700, 69.1334, -54.1723



98.9000, 42.4473, 58.8467

Triad

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



88.7700, 69.1334, -54.1723



91.4210, -45.0706, 82.9458



85.5270, 0.2332, -75.0072

Complementary

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



88.7700, 69.1334, -54.1723



167.2300, -69.1334, 54.1723

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.



73.3750, -36.1739, -64.3499



88.7700, 69.1334, -54.1723



97.9130, -48.2711, 36.0333

Square

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



88.7700, 69.1334, -54.1723



70.0710, -6.9370, 125.3487



90.2290, -44.4829, -12.4788



94.5670, 29.7935, -82.9353

Rectangle

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



88.7700, 69.1334, -54.1723



76.2160, 33.4175, 108.5586



90.2290, -44.4829, -12.4788



82.2040, -9.9606, -72.0929

Sweetspot

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



88.7700, 69.1334, -54.1723



208.8510, 22.7515, -17.4093



160.9640, 0.5107, -117.4864



100.1910, 13.7098, -10.6915



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.



88.7700, 69.1334, -54.1723



77.7910, 87.3640, -68.2227



60.1940, 83.2214, 0.7069



106.7160, 4.0840, -3.2589



54.4520, 61.4022, -47.7544



15.7930, 17.3571, -13.8505

Inverse Universe

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



94.9220, -0.9475, 117.5864



85.7070, -1.3346, 148.4700



195.8060, -83.2214, -0.7069



107.0440, -0.0217, 6.9774



60.1330, -1.0516, 104.2464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 88.7700, 69.1334, -54.1723 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 88.7700, 69.1334, -54.1723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

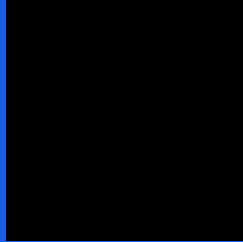
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7700, 69.1334, -54.1723

Background



This preview shows how black text looks on a background with the YUV color 88.7700, 69.1334, -54.1723.



This preview shows how white text looks on a background with the YUV color 88.7700, 69.1334,

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

88.7700, 69.1334, -54.1723

Deuteranopia

82.7420, 47.9482, -72.5647

Tritanopia

80.7120, 19.8620, -70.7844

Trichromacy



Original Color

88.7700, 69.1334, -54.1723

Deuteranomaly

84.8490, 55.7834, -65.6426

Tritanomaly

83.4520, 37.7382, -64.4174

Monochromacy



Original Color

88.7700, 69.1334, -54.1723

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.5240, 25.3777, -19.7535

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7700, 69.1334, -54.1723 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(27, 93, 229)` looks like.

```
.text, #text, p{  
    color:rgb(27, 93, 229)  
}
```

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(27, 93, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 93, 229) }
```

Border

The CSS property to change the border of an element to YUV 88.7700, 69.1334, -54.1723 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(27, 93, 229) }
```

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

```
.border{ border-color:rgb(27, 93, 229) }
```

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

Here you see how a box with a 4 pixel rgb(27, 93, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 93, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 93, 229);  
box-shadow:4px 4px 4px 4px rgb(27, 93,  
229) }
```


Background

The CSS property to change the background color of an element to YUV 88.7700, 69.1334, -54.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 93, 229) }
```

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

```
.background{ background-color: rgb(27, 93,  
229) }
```

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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