

Converting Colors

YUV(94.5910, 67.2496,
-56.6463)

Have a look what the booklet for
YUV(94.5910, 67.2496, -56.6463)
contains.

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Color

**YUV(94.5910, 67.2496,
-56.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	1E65E7
RGB	30, 101, 231
RGB Percent	12%, 40%, 91%
CMY	0.8824, 0.6039, 0.0941
CMYK	0.87, 0.56, 0.00, 0.09
HSL	219°, 81%, 51%
HSV	219°, 87%, 91%
XYZ	19.6129, 15.3529, 77.5310
YIQ	94.5910, -84.0460, 25.3780

Conversions

Conversions Part 2

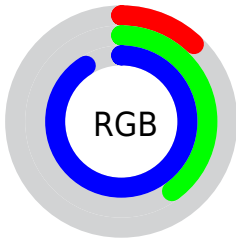
Format	Color
R_{YB}	30, 82, 231
Decimal	1992167
CIE _{Lab}	46.11, 27.73, -71.50
CIE _{LCh}	46, 76.691, 291.199
Yxy	15.3529, 0.1743, 0.1365
Android (android.graphics.Color)	4280182247 (0xFF1E65E7)
YUV	94.5910, 67.2496, -56.6463
Hunter-Lab	39.1828, 20.7782, -89.8892

Details

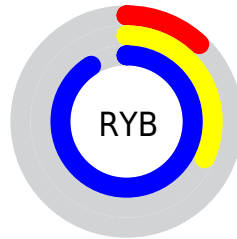
The YUV color **94.5910, 67.2496, -56.6463** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **166.4090, -67.2496, 56.6463**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7930, 50.8811, -33.1445**, and **52.7080, 59.7970, -46.2249** is the 20% darker color. If you saturate the color by 10%, you get **78.9090, 74.9809, -63.0642**, and if you desaturate by 10%, it is **110.2730, 59.5184, -50.2284**.

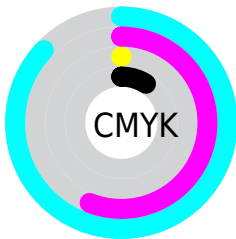
Distribution



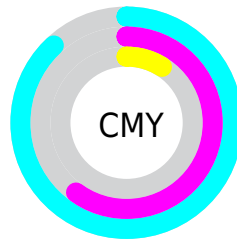
- Red (12%)
- Green (40%)
- Blue (91%)



- Red (12%)
- Yellow (32%)
- Blue (91%)



- Cyan (87%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)



- Cyan (88%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5910, 67.2496, -56.6463 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 94.5910, 67.2496, -56.6463 by changing the saturation by 10% instead.

■ 94.5910, 67.2496,
-56.6463

■ 94.5910, 67.2496,
-56.6463

255.0000, 0.0000,
0.0000

■ 68.8140, 65.6607,
-60.3499

■ 151.7930, 50.8811,
-33.1445

■ 52.7080, 59.7970,
-46.2249

■ 177.5090, 38.2031,
-26.7564

■ 37.8900, 53.7912,
-33.2295

■ 202.6270, 25.8199,
-21.5979

■ 24.8330, 46.9173,
-21.7785

■ 228.3320, 13.1473,
-16.9542

■ 14.3520, 39.7595,
-12.5867

■ 250.8140, 2.0637,
-8.6069

■ 12.6760, 28.2607,
-11.1169

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 94.5910, 67.2496,
-56.6463

■ 94.5910, 67.2496,
-56.6463

■ 78.9090, 74.9809,
-63.0642

■ 110.2730, 59.5184,
-50.2284

■ 74.4680, 77.1703,
-65.3084

■ 125.9550, 51.7872,
-43.8105

■ 141.6370, 44.0560,
-37.3926

■ 157.3190, 36.3247,
-30.9748

■ 173.3000, 28.4461,
-23.9421

■ 188.9820, 20.7149,
-17.5242

■ 204.6640, 12.9836,
-11.1063

■ 220.3460, 5.2524,
-4.6884

■ 235.4410, -2.1894,
2.2442

Harmonies

Analogous

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



99.3330, 68.3628, -87.1150



94.5910, 67.2496, -56.6463



108.0900, 40.8746, 49.9101

Triad

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



94.5910, 67.2496, -56.6463



97.0360, -47.8387, 84.1604



89.1630, -1.0664, -78.1960

Complementary

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



94.5910, 67.2496, -56.6463



166.4090, -67.2496, 56.6463

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.



77.1080, -34.5632, -67.6237



94.5910, 67.2496, -56.6463



103.2510, -50.9027, 40.1219

Square

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



94.5910, 67.2496, -56.6463



79.0920, -5.4684, 120.9453



97.3500, -47.9935, -6.4459



97.3880, 27.9097, -85.4093

Rectangle

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



94.5910, 67.2496, -56.6463



92.3900, 29.3877, 94.3740



97.3500, -47.9935, -6.4459



85.4810, -10.0971, -74.9668

Sweetspot

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



94.5910, 67.2496, -56.6463



210.0250, 22.1727, -18.4389



162.4650, -2.6942, -116.1718



100.7780, 13.4204, -11.2063



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.



94.5910, 67.2496, -56.6463



81.9000, 85.3383, -71.8263



60.9870, 83.8164, -3.4966



106.7160, 4.0840, -3.2589



57.3870, 59.9552, -50.3284



16.3800, 17.0677, -14.3653

Inverse Universe

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



98.1930, 1.3839, 116.4717



86.5050, 1.7230, 147.7701



200.0130, -83.8164, 3.4966



107.0440, -0.0217, 6.9774



60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 94.5910, 67.2496, -56.6463 looks on a white background.

Color Contrast Check

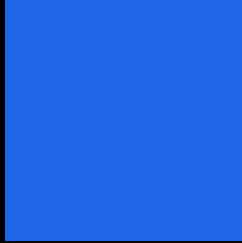
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.5910, 67.2496, -56.6463 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

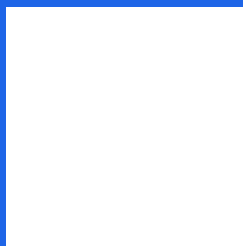
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.5910, 67.2496, -56.6463

Background



This preview shows how black text looks on a background with the YUV color 94.5910, 67.2496, -56.6463.



This preview shows how white text looks on a background with the YUV color 94.5910, 67.2496, -56.6463.

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

94.5910, 67.2496, -56.6463

Protanopia

86.3560, 66.8725, -75.7342

Deuteranopia

86.9310, 51.3060, -76.2385



Tritanopia

85.6190, 20.8938, -75.0879

Trichromacy



Original Color

94.5910, 67.2496, -56.6463

Protanomaly

89.4000, 66.8508, -68.7568

Deuteranomaly

89.5820, 57.3941, -68.9164

Tritanomaly

89.0170, 37.4596, -68.4209

Monochromacy



Original Color

94.5910, 67.2496, -56.6463

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.5840, 24.3621, -20.6832

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5910, 67.2496, -56.6463 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(30, 101, 231)` looks like.

```
.text, #text, p{  
    color:rgb(30, 101, 231)  
}
```

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(30, 101, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 101, 231) }
```

Border

The CSS property to change the border of an element to YUV 94.5910, 67.2496, -56.6463 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(30, 101, 231) }
```


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

```
.border{ border-color:rgb(30, 101, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 101, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 101, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 101, 231);  
box-shadow:4px 4px 4px 4px rgb(30, 101,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 94.5910, 67.2496, -56.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 101, 231) }
```

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

```
.background{ background-color: rgb(30, 101,  
231) }
```

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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