

Converting Colors

YUV(59.0510, 96.6029,
-44.7717)

Have a look what the booklet for
YUV(59.0510, 96.6029, -44.7717)
contains.

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Color

**YUV(59.0510, 96.6029,
-44.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	082FFF
RGB	8, 47, 255
RGB Percent	3%, 18%, 100%
CMY	0.9686, 0.8157, 0.0000
CMYK	0.97, 0.82, 0.00, 0.00
HSL	231°, 100%, 52%
HSV	231°, 97%, 100%
XYZ	19.1667, 9.3047, 95.3935
YIQ	59.0510, -90.0120, 56.4200

Conversions

Conversions Part 2

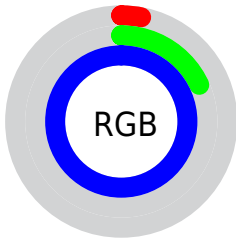
Format	Color
R _Y B	8, 42, 255
Decimal	536575
CIE Lab	36.56, 66.64, -100.75
CIE LCh	37, 120.789, 303.481
Yxy	9.3047, 0.1547, 0.0751
Android (android.graphics.Color)	4278726655 (0xFF082FFF)
YUV	59.0510, 96.6029, -44.7717
Hunter-Lab	30.5035, 58.7779, -164.0648

Details

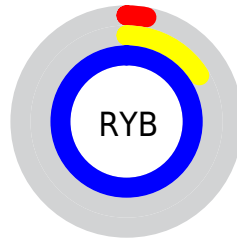
The YUV color **59.0510, 96.6029, -44.7717** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **203.9490, -96.6029, 44.7717**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.4760, 65.3343, -2.1715**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **52.5500, 99.8078, -46.0863**, and if you desaturate by 10%, it is **78.8530, 86.8405, -40.2131**.

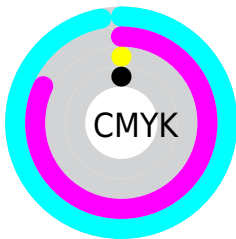
Distribution



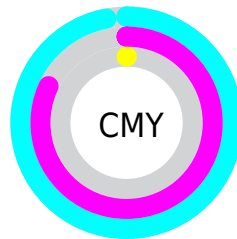
- Red (3%)
- Green (18%)
- Blue (100%)



- Red (3%)
- Yellow (16%)
- Blue (100%)



- Cyan (97%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.0510, 96.6029, -44.7717 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 59.0510, 96.6029, -44.7717 by changing the saturation by 10% instead.

■ 59.0510, 96.6029,
-44.7717

■ 59.0510, 96.6029,
-44.7717

■ 255.0000, 0.0000,
0.0000

■ 37.3900, 92.4917,
-32.7910

■ 122.4760, 65.3343,
-2.1715

■ 22.3440, 85.6124,
-19.5957

■ 148.2030, 52.6509,
5.9610

■ 19.1520, 73.3821,
-16.7963

■ 174.2180, 39.8255,
12.9638

■ 16.0740, 61.5885,
-14.0969

■ 199.9340, 27.1475,
19.3519

■ 21.2140, 45.7435,
-18.6047

■ 226.8240, 13.8908,
24.7104

■ 17.0760, 34.9655,
-14.9757

■ 243.2600, 5.7878,

■ 11.4050, 25.9293,

10.2960

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 59.0510, 96.6029,
-44.7717

■ 59.0510, 96.6029,
-44.7717

■ 52.5500, 99.8078,
-46.0863

■ 78.8530, 86.8405,
-40.2131

■ 99.5410, 76.6413,
-35.5545

■ 119.6420, 66.7315,
-30.3810

■ 140.0310, 56.6797,
-26.3372

■ 160.1320, 46.7699,
-21.1638

■ 180.5210, 36.7181,
-17.1199

■ 200.6220, 26.8084,
-11.9465

■ 221.0110, 16.7566,
-7.9026

■ 241.1120, 6.8468,
-2.7292

Harmonies

Analogous

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



88.9440, 81.8656, -78.0039



59.0510, 96.6029, -44.7717



79.8640, 47.3950, 105.3593

Triad

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



59.0510, 96.6029, -44.7717



67.2660, -33.1621, 90.0977



78.4490, 8.6526, -68.7998

Complementary

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



59.0510, 96.6029, -44.7717



203.9490, -96.6029, 44.7717

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.



65.7440, -32.4118, -57.6575



59.0510, 96.6029, -44.7717



80.3600, -39.6175, 13.7163

Square

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



59.0510, 96.6029, -44.7717



66.0790, -32.5769, 135.8657



62.2220, -30.6754, -54.5687



91.3820, 50.5907, -80.1420

Rectangle

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



59.0510, 96.6029, -44.7717



82.1360, 14.7230, 131.4307



62.2220, -30.6754, -54.5687



73.8720, -6.3459, -64.7857

Sweetspot

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



59.0510, 96.6029, -44.7717



196.4800, 28.8504, -13.5760



176.4730, 18.5008, -147.7508



92.2390, 17.6302, -8.1026



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.



59.0510, 96.6029, -44.7717



52.5500, 99.8078, -46.0863



60.6760, 95.8017, 25.7171



117.6560, 5.0996, -2.3293



39.3840, 74.7467, -34.5398



13.1660, 25.0612, -11.5466

Inverse Universe

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



86.2990, -19.3744, 147.9508



80.8050, -20.1169, 152.7690



202.3240, -95.8017, -25.7171



119.1150, -1.0427, 7.7921



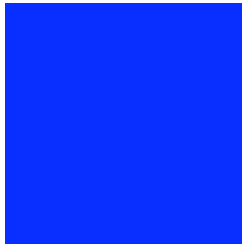
60.5290, -15.0508, 114.4231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 59.0510, 96.6029, -44.7717 looks on a white background.

Color Contrast Check

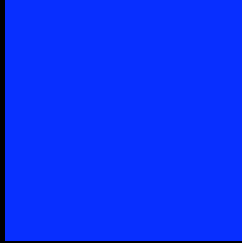
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.0510, 96.6029, -44.7717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

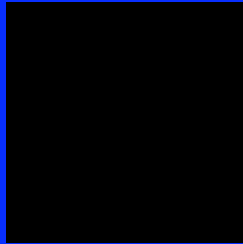
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.0510, 96.6029, -44.7717

Background



This preview shows how black text looks on a background with the YUV color 59.0510, 96.6029, -44.7717.



This preview shows how white text looks on a background with the YUV color 59.0510, 96.6029, -44.7717.

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

59.0510, 96.6029, -44.7717

Protanopia

67.7420, 51.3992, -59.4097

Deuteranopia

68.3000, 38.3061, -59.8991



Tritanopia

67.0510, 15.7509, -58.8037

Trichromacy



Original Color

59.0510, 96.6029, -44.7717

Protanomaly

64.4280, 67.8230, -53.8724

Deuteranomaly

64.9520, 59.6767, -54.3319

Tritanomaly

64.4670, 45.1258, -53.9066

Monochromacy



Original Color

59.0510, 96.6029, -44.7717

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.0650, 34.9710, -16.7200

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0510, 96.6029, -44.7717 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(8, 47, 255)` looks like.

```
.text, #text, p{  
    color:rgb(8, 47, 255)  
}
```

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(8, 47, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 47, 255) }
```

Border

The CSS property to change the border of an element to YUV 59.0510, 96.6029, -44.7717 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(8, 47, 255) }
```


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

```
.border{ border-color:rgb(8, 47, 255) }
```

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

Here you see how a box with a 4 pixel rgb(8, 47, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 47, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 47, 255);  
box-shadow:4px 4px 4px 4px rgb(8, 47, 255)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.0510, 96.6029, -44.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 47, 255) }
```

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

```
.background{ background-color: rgb(8, 47,  
255) }
```

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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