

Converting Colors

YUV(94.1350, 58.6004,
-82.5564)

Have a look what the booklet for
YUV(94.1350, 58.6004, -82.5564)
contains.

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Color

**YUV(94.1350, 58.6004,
-82.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	0077D5
RGB	0, 119, 213
RGB Percent	0%, 47%, 84%
CMY	1.0000, 0.5333, 0.1647
CMYK	1.00, 0.44, 0.00, 0.16
HSL	206°, 100%, 42%
HSV	206°, 100%, 84%
XYZ	18.6071, 17.9977, 65.4440
YIQ	94.1350, -101.0980, 4.0060

Conversions

Conversions Part 2

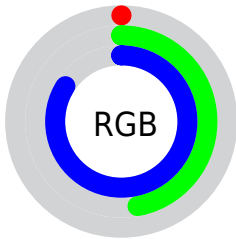
Format	Color
RYB	0, 76, 213
Decimal	30677
CIELab	49.49, 8.03, -55.87
CIElCh	49, 56.439, 278.175
Yxy	17.9977, 0.1823, 0.1764
Android (android.graphics.Color)	4278220757 (0xFF0077D5)
YUV	94.1350, 58.6004, -82.5564
Hunter-Lab	42.4238, 4.0486, -61.7657

Details

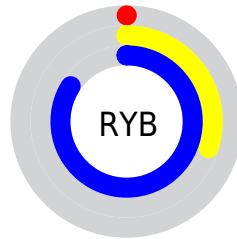
The YUV color **94.1350, 58.6004, -82.5564** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **118.8650, -58.6004, 82.5564**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6460, 47.0095, -51.4325**, and **60.2760, 48.1779, -52.8621** is the 20% darker color. If you saturate the color by 10%, you get **94.1350, 58.6004, -82.5564**, and if you desaturate by 10%, it is **105.6970, 52.9004, -74.2793**.

Distribution



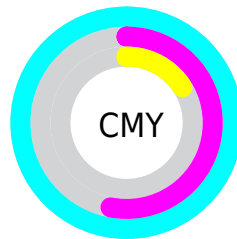
- Red (0%)
- Green (47%)
- Blue (84%)



- Red (0%)
- Yellow (30%)
- Blue (84%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1350, 58.6004, -82.5564 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 94.1350, 58.6004, -82.5564 by changing the saturation by 10% instead.

■ 94.1350, 58.6004,
-82.5564

■ 94.1350, 58.6004,
-82.5564

■ 255.0000, 0.0000,
0.0000

■ 76.8550, 53.3155,
-67.4018

■ 159.6460, 47.0095,
-51.4325

■ 60.2760, 48.1779,
-52.8621

■ 185.0630, 34.4789,
-45.6593

■ 44.2840, 42.7510,
-38.8371

■ 210.7680, 21.8064,
-41.0155

■ 30.1670, 36.8927,
-26.4565

■ 236.4730, 9.1338,
-36.3718

■ 12.6420, 33.2075,
-11.0870

■ 246.3290, 4.2748,
-17.8285

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 94.1350, 58.6004,
-82.5564

■ 105.6970, 52.9004,
-74.2793

■ 118.1450, 46.7635,
-65.9022

■ 129.7070, 41.0634,
-57.6250

■ 141.8560, 35.0740,
-49.8627

■ 153.7170, 29.2265,
-40.9708

■ 165.2790, 23.5265,
-32.6937

■ 177.4280, 17.5370,
-24.9314

■ 188.9900, 11.8369,
-16.6542

■ 201.4380, 5.7001,
-8.2771

Harmonies

Analogous

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



101.0820, 52.2176, -88.6489



94.1350, 58.6004, -82.5564



120.8930, 36.0418, 13.2488

Triad

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



94.1350, 58.6004, -82.5564



113.6920, -25.9772, 72.1841



90.1260, -4.9921, -79.0405

Complementary

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



94.1350, 58.6004, -82.5564



118.8650, -58.6004, 82.5564

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.



103.7960, -34.4094, -23.5001



94.1350, 58.6004, -82.5564



112.6850, -45.6937, 49.3883

Square

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



94.1350, 58.6004, -82.5564



113.3980, -3.1542, 78.5810



109.0110, -53.7424, 17.5304



97.0000, 16.2690, -85.0690

Rectangle

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



94.1350, 58.6004, -82.5564



120.0020, 24.1560, 45.6022



109.0110, -53.7424, 17.5304



88.6230, -12.1391, -73.3374

Sweetspot

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



94.1350, 58.6004, -82.5564



212.3180, 21.0422, -29.2199



135.5190, -21.4549, -118.8502



101.9190, 12.8579, -17.4690



0.0000, 0.0000, 0.0000



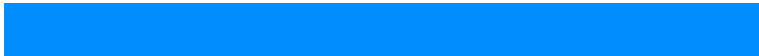
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1350, 58.6004, -82.5564



112.4240, 70.2900, -98.5958



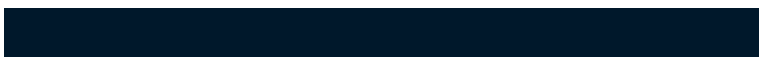
32.5000, 88.9865, -28.5025



100.7760, 3.0684, -4.1886



75.2590, 47.2003, -66.0021



18.9900, 11.8369, -16.6542

Inverse Universe

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



77.2530, 20.5813, 119.0501



92.4330, 24.4365, 142.5713



180.5000, -88.9865, 28.5025



99.9730, 0.9993, 6.1627



61.9590, 16.2892, 95.6290



15.5930, 4.1447, 24.0359

Previews

White Background



This preview shows how the YUV color 94.1350, 58.6004, -82.5564 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 94.1350, 58.6004, -82.5564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

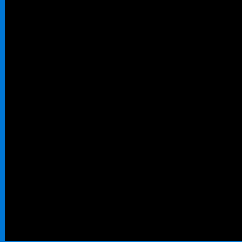
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.1350, 58.6004, -82.5564 Background



This preview shows how black text looks on a background with the YUV color 94.1350, 58.6004, -82.5564.



This preview shows how white text looks on a background with the YUV color 94.1350, 58.6004,

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



Protanopia

112.4570, 47.1027, -34.6038

Deuteranopia

93.9070, 57.7268, -82.3564

Tritanopia

92.1560, 23.0941, -80.8208

Trichromacy



Protanomaly

105.7860, 51.3775, -52.4323

Deuteranomaly

94.0210, 58.1636, -82.4564

Tritanomaly

92.8860, 36.0452, -81.4610

Monochromacy



Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0190, 21.1896, -29.8347

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1350, 58.6004, -82.5564 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(0, 119, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 213)  
}
```

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(0, 119, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 213) }
```

Border

The CSS property to change the border of an element to YUV 94.1350, 58.6004, -82.5564 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(0, 119, 213) }
```

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

```
.border{ border-color:rgb(0, 119, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
213) }
```


Background

The CSS property to change the background color of an element to YUV 94.1350, 58.6004, -82.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 213) }
```

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

```
.background{ background-color: rgb(0, 119,  
213) }
```

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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