

Converting Colors

YUV(93.2060, 57.5794,
-81.7417)

Have a look what the booklet for
YUV(93.2060, 57.5794, -81.7417)
contains.

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Color

**YUV(93.2060, 57.5794,
-81.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	0076D2
RGB	0, 118, 210
RGB Percent	0%, 46%, 82%
CMY	1.0000, 0.5373, 0.1765
CMYK	1.00, 0.44, 0.00, 0.18
HSL	206°, 100%, 41%
HSV	206°, 100%, 82%
XYZ	18.1113, 17.6100, 63.4173
YIQ	93.2060, -99.8600, 3.5960

Conversions

Conversions Part 2

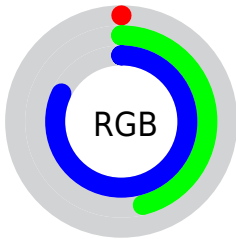
Format	Color
RYB	0, 76, 210
Decimal	30418
CIELab	49.02, 7.47, -54.92
CIELCh	49, 55.426, 277.741
Yxy	17.6100, 0.1827, 0.1776
Android (android.graphics.Color)	4278220498 (0xFF0076D2)
YUV	93.2060, 57.5794, -81.7417
Hunter-Lab	41.9643, 3.6010, -60.2252

Details

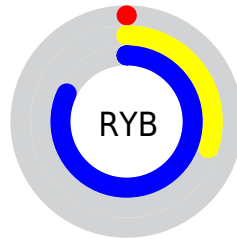
The YUV color **93.2060, 57.5794, -81.7417** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **116.7940, -57.5794, 81.7417**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7600, 47.4463, -51.5325**, and **59.3470, 47.1569, -52.0473** is the 20% darker color. If you saturate the color by 10%, you get **93.2060, 57.5794, -81.7417**, and if you desaturate by 10%, it is **104.7680, 51.8794, -73.4645**.

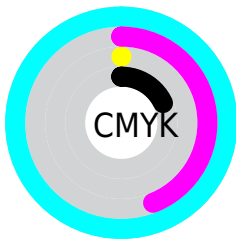
Distribution



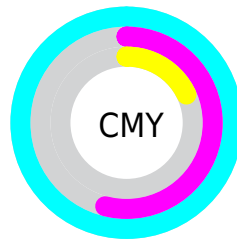
- Red (0%)
- Green (46%)
- Blue (82%)



- Red (0%)
- Yellow (30%)
- Blue (82%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2060, 57.5794, -81.7417 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 93.2060, 57.5794, -81.7417 by changing the saturation by 10% instead.

■ 93.2060, 57.5794,
-81.7417

■ 93.2060, 57.5794,
-81.7417

■ 255.0000, 0.0000,
0.0000

■ 75.9260, 52.2945,
-66.5871

■ 158.7600, 47.4463,
-51.5325

■ 59.3470, 47.1569,
-52.0473

■ 184.1770, 34.9157,
-45.7592

■ 43.3550, 41.7300,
-38.0223

■ 209.2950, 22.5326,
-40.6007

■ 29.3520, 36.3085,
-25.7417

■ 235.5870, 9.5706,
-36.4718

■ 13.0010, 32.0445,
-11.4019

■ 246.0300, 4.4222,
-18.4433

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 93.2060, 57.5794,
-81.7417

■ 104.7680, 51.8794,
-73.4645

■ 116.3300, 46.1793,
-65.1874

■ 128.4790, 40.1899,
-57.4251

■ 140.0410, 34.4898,
-49.1480

■ 151.6030, 28.7897,
-40.8708

■ 163.1650, 23.0897,
-32.5937

■ 174.7270, 17.3896,
-24.3166

■ 186.8760, 11.4001,
-16.5543

■ 198.4380, 5.7001,
-8.2771

Harmonies

Analogous

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



100.0390, 50.7598, -87.7342



93.2060, 57.5794, -81.7417



119.0670, 35.4630, 12.2192

Triad

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



93.2060, 57.5794, -81.7417



112.2080, -25.2455, 70.8546



88.8380, -4.8501, -77.9109

Complementary

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



93.2060, 57.5794, -81.7417



116.7940, -57.5794, 81.7417

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.



103.5080, -34.2674, -22.3705



93.2060, 57.5794, -81.7417



111.7280, -44.2359, 48.4735

Square

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



93.2060, 57.5794, -81.7417



112.3870, -3.1488, 76.8366



107.5380, -53.0162, 17.9452



95.5980, 15.9742, -83.8394

Rectangle

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



93.2060, 57.5794, -81.7417



118.8770, 23.7246, 43.9579



107.5380, -53.0162, 17.9452



90.0260, -13.3238, -66.6748

Sweetspot

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



93.2060, 57.5794, -81.7417



212.3180, 21.0422, -29.2199



133.6440, -21.0235, -117.2058



101.9190, 12.8579, -17.4690



0.0000, 0.0000, 0.0000



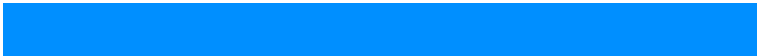
128.0000, 0.0000, 0.0000

Same Dimension

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



93.2060, 57.5794, -81.7417



113.0110, 70.0006, -99.1106



32.1580, 87.6761, -28.2026



98.7760, 3.0684, -4.1886



74.9170, 45.8899, -65.7022



18.1750, 11.2527, -15.9395

Inverse Universe

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



76.2420, 20.5867, 117.3058



92.5470, 24.8733, 142.4713



177.8420, -87.6761, 28.2026



97.9730, 0.9993, 6.1627



61.0620, 16.7314, 93.7846



14.8810, 4.0027, 22.9064

Previews

White Background



This preview shows how the YUV color 93.2060, 57.5794, -81.7417 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 93.2060, 57.5794, -81.7417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

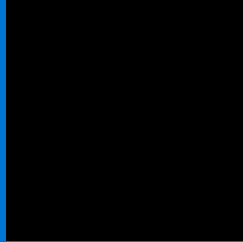
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.2060, 57.5794, -81.7417

Background



This preview shows how black text looks on a background with the YUV color 93.2060, 57.5794, -81.7417.



This preview shows how white text looks on a background with the YUV color 93.2060, 57.5794, -81.7417.

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

111.5280, 46.0817, -33.7891

Deuteranopia

93.0920, 57.1426, -81.6417

Tritanopia

91.4550, 22.9467, -80.2060

Trichromacy



Protanomaly

104.8570, 50.3565, -51.6176

Deuteranomaly

93.0920, 57.1426, -81.6417

Tritanomaly

92.0710, 35.4610, -80.7463

Monochromacy



Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0190, 21.1896, -29.8347

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2060, 57.5794, -81.7417 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, 118, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 210)  
}
```

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, 118, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 210) }
```

Border

The CSS property to change the border of an element to YUV 93.2060, 57.5794, -81.7417 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, 118, 210) }
```

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

```
.border{ border-color:rgb(0, 118, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 210);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
210) }
```


Background

The CSS property to change the background color of an element to YUV 93.2060, 57.5794, -81.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 210) }
```

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

```
.background{ background-color: rgb(0, 118,  
210) }
```

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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