

Converting Colors

YUV(81.0880, 56.6516,
-64.0982)

Have a look what the booklet for
YUV(81.0880, 56.6516, -64.0982)
contains.

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Color

**YUV(81.0880, 56.6516,
-64.0982)**

Conversions

Conversions Part 1

Format	Color
Hex	0860C4
RGB	8, 96, 196
RGB Percent	3%, 38%, 77%
CMY	0.9686, 0.6235, 0.2314
CMYK	0.96, 0.51, 0.00, 0.23
HSL	212°, 92%, 40%
HSV	212°, 96%, 77%
XYZ	14.2468, 12.4029, 53.8677
YIQ	81.0880, -84.5480, 12.4440

Conversions

Conversions Part 2

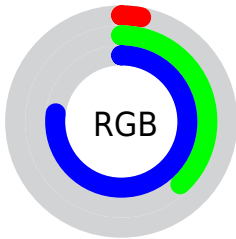
Format	Color
R_{YB}	8, 68, 196
Decimal	549060
CIE _{Lab}	41.85, 16.25, -58.44
CIE _{LCh}	42, 60.657, 285.539
Yxy	12.4029, 0.1769, 0.1540
Android (android.graphics.Color)	4278739140 (0xFF0860C4)
YUV	81.0880, 56.6516, -64.0982
Hunter-Lab	35.2177, 10.5785, -66.0352

Details

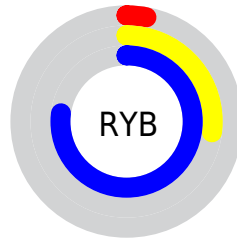
The YUV color **81.0880, 56.6516, -64.0982** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **122.9120, -56.6516, 64.0982**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8460, 53.8129, -40.2069**, and **46.0110, 46.8296, -40.3516** is the 20% darker color. If you saturate the color by 10%, you get **76.3480, 58.9884, -66.9572**, and if you desaturate by 10%, it is **92.9380, 50.8096, -56.9506**.

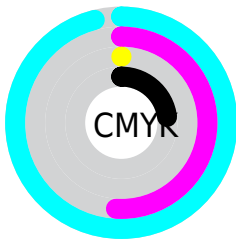
Distribution



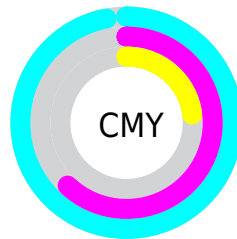
- Red (3%)
- Green (38%)
- Blue (77%)



- Red (3%)
- Yellow (27%)
- Blue (77%)



- Cyan (96%)
- Magenta (51%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (62%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.0880, 56.6516, -64.0982 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 81.0880, 56.6516, -64.0982 by changing the saturation by 10% instead.

■ 81.0880, 56.6516,
-64.0982

■ 81.0880, 56.6516,
-64.0982

■ 255.0000, 0.0000,
0.0000

■ 62.0030, 52.2565,
-54.3766

■ 143.8460, 53.8129,
-40.2069

■ 46.0110, 46.8296,
-40.3516

■ 168.9040, 42.4453,
-34.1188

■ 31.8940, 40.9713,
-27.9710

■ 193.7230, 30.2096,
-29.5751

■ 14.3690, 37.2861,
-12.6016

■ 219.4280, 17.5370,
-24.9314

■ 11.5190, 26.3661,
-10.1022

■ 244.8340, 5.0118,
-20.9024

■ 6.5490, 17.4773,
-5.7435

■ 254.1030, 0.4422,

■ 2.9810, 8.8834,

-1.8443

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 81.0880, 56.6516,
-64.0982

■ 81.0880, 56.6516,
-64.0982

■ 76.3480, 58.9884,
-66.9572

■ 92.9380, 50.8096,
-56.9506

■ 105.0760, 44.8255,
-50.9327

■ 116.9260, 38.9835,
-43.7851

■ 129.0640, 32.9994,
-37.7671

■ 140.9140, 27.1574,
-30.6196

■ 153.3510, 21.0260,
-23.9868

■ 164.9020, 15.3313,
-17.4541

■ 176.7520, 9.4893,
-10.3065

■ 188.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



87.5010, 53.4900, -76.7384



81.0880, 56.6516, -64.0982



100.9980, 33.5250, 27.1888

Triad

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



81.0880, 56.6516, -64.0982



91.7750, -31.9341, 69.4803



78.0610, -2.9881, -68.4595

Complementary

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



81.0880, 56.6516, -64.0982



122.9120, -56.6516, 64.0982

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.



77.5270, -29.8398, -42.5582



81.0880, 56.6516, -64.0982



93.5160, -46.1034, 40.7665

Square

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



81.0880, 56.6516, -64.0982



87.6440, -6.2335, 86.2582



89.7520, -44.2477, 5.4795



85.1630, 19.1466, -74.6880

Rectangle

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



81.0880, 56.6516, -64.0982



96.2210, 22.0760, 59.4422



89.7520, -44.2477, 5.4795



75.5360, -10.1242, -66.2451

Sweetspot

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



81.0880, 56.6516, -64.0982



209.9810, 22.1944, -25.4163



129.4140, -12.0361, -106.4801



100.4570, 13.5787, -15.3098



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.



81.0880, 56.6516, -64.0982



98.9230, 76.9460, -86.7555



30.3290, 81.6758, -16.9515



91.0750, 2.9210, -3.5738



62.3790, 48.6202, -54.7064



13.1540, 9.7841, -11.5361

Inverse Universe

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



74.2440, 10.7257, 106.7800



89.8110, 14.3902, 144.8708



173.6710, -81.6758, 16.9515



90.5600, 0.7099, 5.6479



56.6890, 9.0273, 91.4807



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 81.0880, 56.6516, -64.0982 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 81.0880, 56.6516, -64.0982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

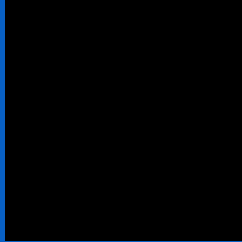
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.0880, 56.6516, -64.0982

Background



This preview shows how black text looks on a background with the YUV color 81.0880, 56.6516, -64.0982.



This preview shows how white text looks on a background with the YUV color 81.0880, 56.6516,

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

81.0880, 56.6516, -64.0982

Protanopia

88.1610, 52.6716, -47.4992

Deuteranopia

79.2370, 47.2112, -69.4908



Tritanopia

77.2070, 19.1249, -67.7105

Trichromacy



Original Color

81.0880, 56.6516, -64.0982

Protanomaly

85.4700, 53.9983, -53.0322

Deuteranomaly

79.8720, 50.8421, -67.4167

Tritanomaly

78.4750, 32.7968, -66.1916

Monochromacy



Original Color

81.0880, 56.6516, -64.0982

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.6500, 20.8785, -23.3721

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.0880, 56.6516, -64.0982 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, 96, 196)` looks like.

```
.text, #text, p{  
    color:rgb(8, 96, 196)  
}
```

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, 96, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 96, 196) }
```

Border

The CSS property to change the border of an element to YUV 81.0880, 56.6516, -64.0982 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, 96, 196) }
```


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

```
.border{ border-color:rgb(8, 96, 196) }
```

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

Here you see how a box with a 4 pixel rgb(8, 96, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 96, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 96, 196);  
box-shadow:4px 4px 4px 4px rgb(8, 96, 196)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.0880, 56.6516, -64.0982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 96, 196) }
```

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

```
.background{ background-color: rgb(8, 96,  
196) }
```

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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