

Converting Colors

YUV(80.3430, 56.5259,
-70.4608)

Have a look what the booklet for
YUV(80.3430, 56.5259, -70.4608)
contains.

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Color

**YUV(80.3430, 56.5259,
-70.4608)**

Conversions

Conversions Part 1

Format	Color
Hex	0063C3
RGB	0, 99, 195
RGB Percent	0%, 39%, 76%
CMY	1.0000, 0.6118, 0.2353
CMYK	1.00, 0.49, 0.00, 0.24
HSL	210°, 100%, 38%
HSV	210°, 100%, 76%
XYZ	14.3122, 12.8638, 53.3584
YIQ	80.3430, -89.8200, 8.8680

Conversions

Conversions Part 2

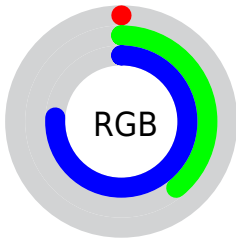
Format	Color
RYB	0, 66, 195
Decimal	25539
CIELab	42.56, 13.60, -56.72
CIELCh	43, 58.328, 283.488
Yxy	12.8638, 0.1777, 0.1597
Android (android.graphics.Color)	4278215619 (0xFF0063C3)
YUV	80.3430, 56.5259, -70.4608
Hunter-Lab	35.8662, 8.4635, -63.0999

Details

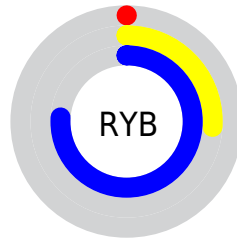
The YUV color **80.3430, 56.5259, -70.4608** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **114.6570, -56.5259, 70.4608**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8950, 52.8028, -42.8809**, and **47.6580, 45.5246, -41.7961** is the 20% darker color. If you saturate the color by 10%, you get **80.3430, 56.5259, -70.4608**, and if you desaturate by 10%, it is **91.8940, 50.8313, -63.9280**.

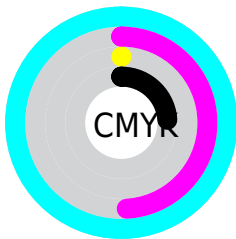
Distribution



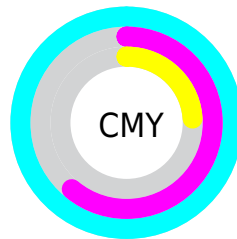
- Red (0%)
- Green (39%)
- Blue (76%)



- Red (0%)
- Yellow (26%)
- Blue (76%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (61%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.3430, 56.5259, -70.4608 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 80.3430, 56.5259, -70.4608 by changing the saturation by 10% instead.

■ 80.3430, 56.5259,
-70.4608

■ 80.3430, 56.5259,
-70.4608

■ 255.0000, 0.0000,
0.0000

■ 63.6500, 50.9516,
-55.8210

■ 144.8950, 52.8028,
-42.8809

■ 47.6580, 45.5246,
-41.7961

■ 170.0670, 41.8720,
-36.8928

■ 32.9540, 39.9557,
-28.9007

■ 195.4730, 29.3468,
-32.8638

■ 16.6030, 35.6917,
-14.5608

■ 221.1780, 16.6742,
-28.2201

■ 11.5190, 26.3661,
-10.1022

■ 244.2360, 5.3067,
-22.1320

■ 6.5490, 17.4773,
-5.7435

■ 253.5050, 0.7370,

■ 2.8670, 8.4466,

-3.0739

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 80.3430, 56.5259,
-70.4608

■ 91.8940, 50.8313,
-63.9280

■ 103.1570, 45.2786,
-56.2657

■ 115.0070, 39.4365,
-49.1181

■ 125.9710, 34.0313,
-42.0706

■ 137.8210, 28.1892,
-34.9230

■ 149.3720, 22.4946,
-28.3902

■ 160.3360, 17.0894,
-21.3427

■ 172.1860, 11.2473,
-14.1951

■ 183.4490, 5.6946,
-6.5328

Harmonies

Analogous

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



88.3330, 51.6008, -77.4680



80.3430, 56.5259, -70.4608



103.2640, 33.3938, 22.5705

Triad

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



80.3430, 56.5259, -70.4608



94.4590, -29.3133, 68.8805



78.5340, -3.7143, -68.8743

Complementary

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



80.3430, 56.5259, -70.4608



114.6570, -56.5259, 70.4608

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.



82.6420, -30.8825, -34.7660



80.3430, 56.5259, -70.4608



94.4130, -46.5456, 42.6108

Square

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



80.3430, 56.5259, -70.4608



91.5510, -5.2016, 81.9548



92.1330, -45.4216, 8.6534



85.5220, 17.9837, -75.0028

Rectangle

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



80.3430, 56.5259, -70.4608



100.0740, 21.6555, 54.3091



92.1330, -45.4216, 8.6534



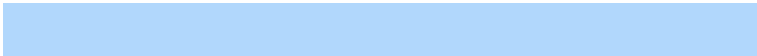
76.1230, -10.4136, -66.7599

Sweetspot

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



80.3430, 56.5259, -70.4608



207.8560, 21.7630, -27.0607



125.1810, -15.3722, -109.7837



100.7450, 13.4367, -16.4394



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.



80.3430, 56.5259, -70.4608



103.8640, 73.0310, -91.0887



23.9910, 84.3074, -21.0401



91.0750, 2.9210, -3.5738



66.4880, 46.5944, -58.3100



13.7410, 9.4947, -12.0509

Inverse Universe

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



69.5910, 14.4986, 109.9837



89.9400, 18.7636, 142.1266



171.0090, -84.3074, 21.0401



90.5600, 0.7099, 5.6479



57.4870, 12.0849, 90.7809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 80.3430, 56.5259, -70.4608 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 80.3430, 56.5259, -70.4608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

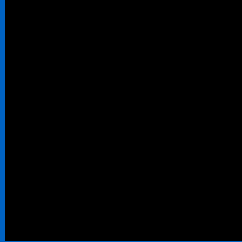
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.3430, 56.5259, -70.4608

Background



This preview shows how black text looks on a background with the YUV color 80.3430, 56.5259, -70.4608.



This preview shows how white text looks on a background with the YUV color 80.3430, 56.5259, -70.4608.

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

80.3430, 56.5259, -70.4608

Protanopia

92.3960, 49.5978, -41.5663

Deuteranopia

80.2800, 48.6690, -70.4056

Trichromacy



Original Color

80.3430, 56.5259, -70.4608

Protanomaly

88.3130, 52.1037, -52.0175

Deuteranomaly

80.3770, 51.5791, -70.4906

Monochromacy



Original Color

80.3430, 56.5259, -70.4608

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.2260, 20.5946, -25.6312

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.3430, 56.5259, -70.4608 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, 99, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 195)  
}
```

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, 99, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 195) }
```

Border

The CSS property to change the border of an element to YUV 80.3430, 56.5259, -70.4608 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, 99, 195) }
```

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

```
.border{ border-color:rgb(0, 99, 195) }
```

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

Here you see how a box with a 4 pixel rgb(0, 99, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 195)  
}
```


Background

The CSS property to change the background color of an element to YUV 80.3430, 56.5259, -70.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 195) }
```

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

```
.background{ background-color: rgb(0, 99,  
195) }
```

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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