

Converting Colors

YUV(81.2890, 55.0735,
-71.2905)

Have a look what the booklet for
YUV(81.2890, 55.0735, -71.2905)
contains.

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Color

**YUV(81.2890, 55.0735,
-71.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	0065C1
RGB	0, 101, 193
RGB Percent	0%, 40%, 76%
CMY	1.0000, 0.6039, 0.2431
CMYK	1.00, 0.48, 0.00, 0.24
HSL	209°, 100%, 38%
HSV	209°, 100%, 76%
XYZ	14.2793, 13.1576, 52.2391
YIQ	81.2890, -89.7280, 7.2000

Conversions

Conversions Part 2

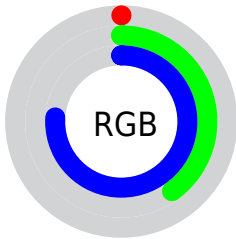
Format	Color
RYB	0, 66, 193
Decimal	26049
CIELab	43.00, 11.49, -54.85
CIELCh	43, 56.038, 281.836
Yxy	13.1576, 0.1792, 0.1651
Android (android.graphics.Color)	4278216129 (0xFF0065C1)
YUV	81.2890, 55.0735, -71.2905
Hunter-Lab	36.2734, 6.7894, -59.9950

Details

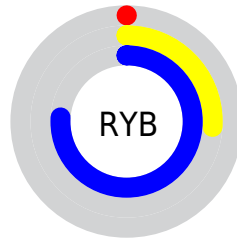
The YUV color **81.2890, 55.0735, -71.2905** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **111.7110, -55.0735, 71.2905**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8410, 51.3504, -43.7106**, and **48.7180, 44.5090, -42.7257** is the 20% darker color. If you saturate the color by 10%, you get **81.2890, 55.0735, -71.2905**, and if you desaturate by 10%, it is **92.2530, 49.6683, -64.2429**.

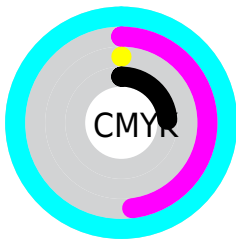
Distribution



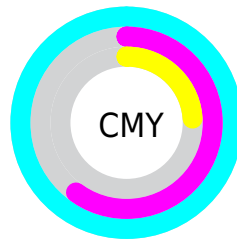
- Red (0%)
- Green (40%)
- Blue (76%)



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



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2890, 55.0735, -71.2905 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 81.2890, 55.0735, -71.2905 by changing the saturation by 10% instead.

■ 81.2890, 55.0735,
-71.2905

■ 81.2890, 55.0735,
-71.2905

■ 255.0000, 0.0000,
0.0000

■ 64.5960, 49.4992,
-56.6507

■ 145.8410, 51.3504,
-43.7106

■ 48.7180, 44.5090,
-42.7257

■ 171.5290, 41.1512,
-39.0519

■ 33.4270, 39.2295,
-29.3155

■ 196.3480, 28.9154,
-34.5082

■ 18.1360, 33.9500,
-15.9053

■ 222.0530, 16.2429,
-29.8645

■ 10.7040, 25.7819,
-9.3874

■ 243.9370, 5.4541,
-22.7467

■ 6.3210, 16.6037,
-5.5435

■ 253.2060, 0.8844,

■ 2.6390, 7.5730,

-3.6887

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 81.2890, 55.0735,
-71.2905

■ 92.2530, 49.6683,
-64.2429

■ 103.5160, 44.1156,
-56.5805

■ 115.0670, 38.4210,
-50.0478

■ 126.0310, 33.0157,
-43.0002

■ 137.2940, 27.4631,
-35.3378

■ 148.2580, 22.0578,
-28.2903

■ 159.2220, 16.6526,
-21.2427

■ 170.7730, 10.9579,
-14.7099

■ 182.0360, 5.4053,
-7.0476

Harmonies

Analogous

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



89.1650, 49.7117, -78.1977



81.2890, 55.0735, -71.2905



104.1280, 32.9679, 19.1817

Triad

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



81.2890, 55.0735, -71.2905



96.3170, -27.2713, 67.2510



79.1210, -4.0037, -69.3891

Complementary

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



81.2890, 55.0735, -71.2905



111.7110, -55.0735, 71.2905

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.



85.6750, -30.8988, -29.5330



81.2890, 55.0735, -71.2905



95.5980, -47.1298, 43.3256

Square

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



81.2890, 55.0735, -71.2905



94.3440, -4.6066, 77.7513



93.3290, -46.0112, 11.1125



85.7670, 16.3839, -75.2177

Rectangle

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



81.2890, 55.0735, -71.2905



102.3400, 21.5244, 49.6908



93.3290, -46.0112, 11.1125



76.1230, -10.4136, -66.7599

Sweetspot

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



81.2890, 55.0735, -71.2905



206.4430, 21.4736, -27.5755



123.5510, -16.5406, -108.3542



99.2180, 12.7105, -16.8542



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



81.2890, 55.0735, -71.2905



105.3970, 71.2893, -92.4332



25.5240, 82.5657, -22.3845



91.0750, 2.9210, -3.5738



67.6620, 46.0156, -59.3396



13.7410, 9.4947, -12.0509

Inverse Universe

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



69.2210, 15.6670, 108.5542



89.6840, 20.3688, 140.5971



167.4760, -82.5657, 22.3845



90.5600, 0.7099, 5.6479



57.7150, 12.9585, 90.5809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 81.2890, 55.0735, -71.2905 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 81.2890, 55.0735, -71.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

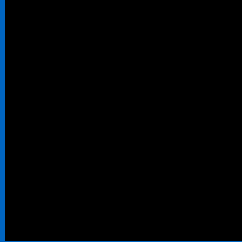
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.2890, 55.0735, -71.2905

Background



This preview shows how black text looks on a background with the YUV color 81.2890, 55.0735, -71.2905.



This preview shows how white text looks on a background with the YUV color 81.2890, 55.0735, -71.2905.

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

94.7340, 46.9661, -37.4777

Deuteranopia

81.0950, 49.2532, -71.1203

Tritanopia

80.0110, 19.7146, -70.1696

Trichromacy



Protanomaly

89.7540, 49.9143, -49.7733

Deuteranomaly

80.9640, 51.2897, -71.0054

Tritanomaly

80.7410, 32.6657, -70.8099

Monochromacy



Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1120, 20.1578, -25.5312

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2890, 55.0735, -71.2905 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, 101, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 193)  
}
```

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, 101, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 193) }
```

Border

The CSS property to change the border of an element to YUV 81.2890, 55.0735, -71.2905 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, 101, 193) }
```

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

```
.border{ border-color:rgb(0, 101, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
193) }
```


Background

The CSS property to change the background color of an element to YUV 81.2890, 55.0735, -71.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 193) }
```

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

```
.background{ background-color: rgb(0, 101,  
193) }
```

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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