

Converting Colors

YUV(86.7190, 52.8895,
-70.7906)

Have a look what the booklet for
YUV(86.7190, 52.8895, -70.7906)
contains.

YUV(86.7190, 52.8895, -70.7906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(86.7190, 52.8895,
-70.7906)**

Conversions

Conversions Part 1

Format	Color
Hex	066BC2
RGB	6, 107, 194
RGB Percent	2%, 42%, 76%
CMY	0.9765, 0.5804, 0.2392
CMYK	0.97, 0.45, 0.00, 0.24
HSL	208°, 94%, 39%
HSV	208°, 97%, 76%
XYZ	15.0704, 14.4491, 53.0336
YIQ	86.7190, -88.1230, 5.6450

Conversions

Conversions Part 2

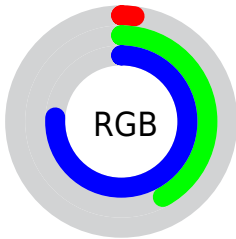
Format	Color
RYB	6, 72, 194
Decimal	420802
CIELab	44.87, 8.25, -52.41
CIELCh	45, 53.057, 278.947
Yxy	14.4491, 0.1826, 0.1750
Android (android.graphics.Color)	4278610882 (0xFF066BC2)
YUV	86.7190, 52.8895, -70.7906
Hunter-Lab	38.0120, 4.2478, -56.1118

Details

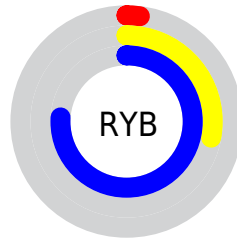
The YUV color **86.7190, 52.8895, -70.7906** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **113.2810, -52.8895, 70.7906**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3630, 49.6140, -46.7994**, and **51.7670, 43.4989, -45.3997** is the 20% darker color. If you saturate the color by 10%, you get **83.1640, 54.6421, -72.9348**, and if you desaturate by 10%, it is **97.6830, 47.4843, -63.7430**.

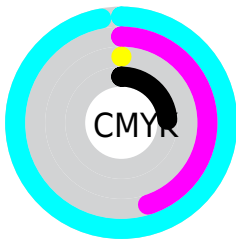
Distribution



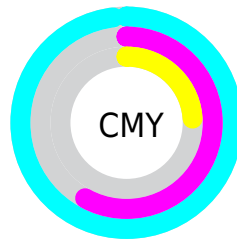
- Red (2%)
- Green (42%)
- Blue (76%)



- Red (2%)
- Yellow (28%)
- Blue (76%)



- Cyan (97%)
- Magenta (45%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7190, 52.8895, -70.7906 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 86.7190, 52.8895, -70.7906 by changing the saturation by 10% instead.

■ 86.7190, 52.8895,
-70.7906

■ 86.7190, 52.8895,
-70.7906

■ 255.0000, 0.0000,
0.0000

■ 67.6450, 48.4890,
-59.3247

■ 150.3630, 49.6140,
-46.7994

■ 51.7670, 43.4989,
-45.3997

■ 175.3500, 39.2675,
-41.5259

■ 36.4760, 38.2193,
-31.9895

■ 201.0550, 26.5949,
-36.8822

■ 21.7720, 32.6504,
-19.0940

■ 226.4610, 14.0697,
-32.8533

■ 11.4050, 25.9293,
-10.0022

■ 244.2360, 5.3067,
-22.1320

■ 6.4350, 17.0405,
-5.6435

■ 253.5050, 0.7370,

■ 2.7530, 8.0098,

-3.0739

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 86.7190, 52.8895,
-70.7906

■ 86.7190, 52.8895,
-70.7906

■ 83.1640, 54.6421,
-72.9348

■ 97.6830, 47.4843,
-63.7430

■ 108.9460, 41.9316,
-56.0806

■ 119.9100, 36.5264,
-49.0331

■ 131.1730, 30.9737,
-41.3707

■ 142.1370, 25.5685,
-34.3231

■ 153.1010, 20.1632,
-27.2756

■ 164.3640, 14.6105,
-19.6132

■ 175.3280, 9.2053,
-12.5657

■ 186.5910, 3.6526,
-4.9033

Harmonies

Analogous

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



91.3990, 48.1173, -80.1569



86.7190, 52.8895, -70.7906



108.6820, 32.6948, 13.4339

Triad

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



86.7190, 52.8895, -70.7906



102.1150, -24.2137, 66.5511



81.6970, -4.2876, -71.6483

Complementary

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



86.7190, 52.8895, -70.7906



113.2810, -52.8895, 70.7906

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.



93.3060, -31.2099, -23.0704



86.7190, 52.8895, -70.7906



101.0480, -42.9147, 44.6849

Square

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



86.7190, 52.8895, -70.7906



101.9520, -3.4273, 72.8331



97.7810, -48.2060, 15.1011



88.1150, 15.2263, -77.2769

Rectangle

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



86.7190, 52.8895, -70.7906



107.7090, 21.8355, 43.2282



97.7810, -48.2060, 15.1011



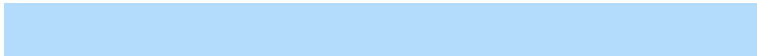
78.8130, -10.2608, -69.1190

Sweetspot

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



86.7190, 52.8895, -70.7906



210.8020, 20.3106, -27.8904



126.0460, -17.2777, -105.2803



102.2180, 12.7105, -16.8542



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.



86.7190, 52.8895, -70.7906



108.5600, 70.7159, -95.2071



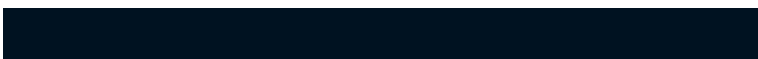
32.7150, 79.5135, -23.4291



91.0750, 2.9210, -3.5738



68.8360, 45.4369, -60.3692



14.3280, 9.2053, -12.5657

Inverse Universe

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



73.7260, 16.4041, 105.4803



90.8520, 22.2580, 141.3268



167.2850, -79.5135, 23.4291



90.5600, 0.7099, 5.6479



57.9430, 13.8321, 90.3810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 86.7190, 52.8895, -70.7906 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 86.7190, 52.8895, -70.7906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

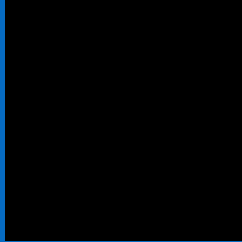
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7190, 52.8895, -70.7906

Background



This preview shows how black text looks on a background with the YUV color 86.7190, 52.8895, -70.7906.



This preview shows how white text looks on a background with the YUV color 86.7190, 52.8895, -70.7906.

-70.7906.

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

86.7190, 52.8895, -70.7906

Protanopia

101.2570, 43.7503, -32.6744

Tritanopia

83.5160, 20.4516, -73.2435

Trichromacy



Original Color

86.7190, 52.8895, -70.7906

Protanomaly

95.6790, 46.9933, -46.1995

Tritanomaly

84.6160, 32.2343, -72.4542

Monochromacy



Original Color

86.7190, 52.8895, -70.7906

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8840, 19.2842, -25.3313

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7190, 52.8895, -70.7906 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(6, 107, 194)` looks like.

```
.text, #text, p{  
    color:rgb(6, 107, 194)  
}
```

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(6, 107, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 107, 194) }
```

Border

The CSS property to change the border of an element to YUV 86.7190, 52.8895, -70.7906 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(6, 107, 194) }
```

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

```
.border{ border-color:rgb(6, 107, 194) }
```

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

Here you see how a box with a 4 pixel rgb(6, 107, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 107, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 107, 194);  
box-shadow:4px 4px 4px 4px rgb(6, 107,  
194) }
```


Background

The CSS property to change the background color of an element to YUV 86.7190, 52.8895, -70.7906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 107, 194) }
```

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

```
.background{ background-color: rgb(6, 107,  
194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor