

Converting Colors

YUV(88.6810, 53.8943,
-66.3722)

Have a look what the booklet for
YUV(88.6810, 53.8943, -66.3722)
contains.

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Color

**YUV(88.6810, 53.8943,
-66.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	0D6AC6
RGB	13, 106, 198
RGB Percent	5%, 42%, 78%
CMY	0.9490, 0.5843, 0.2235
CMYK	0.93, 0.46, 0.00, 0.22
HSL	210°, 88%, 41%
HSV	210°, 93%, 78%
XYZ	15.5131, 14.4709, 55.4016
YIQ	88.6810, -84.9600, 8.8960

Conversions

Conversions Part 2

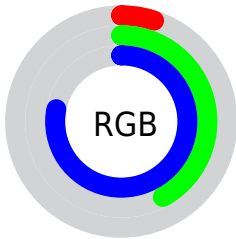
Format	Color
RYB	13, 75, 198
Decimal	879302
CIELab	44.90, 10.74, -54.67
CIELCh	45, 55.712, 281.119
Yxy	14.4709, 0.1817, 0.1695
Android (android.graphics.Color)	4279069382 (0xFF0D6AC6)
YUV	88.6810, 53.8943, -66.3722
Hunter-Lab	38.0406, 6.2218, -59.7205

Details

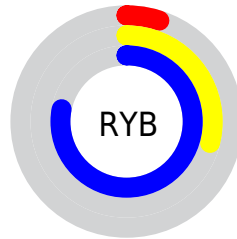
The YUV color **88.6810, 53.8943, -66.3722** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **122.3190, -53.8943, 66.3722**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1290, 51.2084, -44.8401**, and **51.5220, 45.0987, -45.1848** is the 20% darker color. If you saturate the color by 10%, you get **81.2720, 57.5469, -71.2755**, and if you desaturate by 10%, it is **100.5310, 48.0522, -59.2247**.

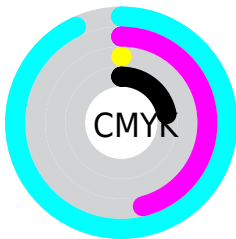
Distribution



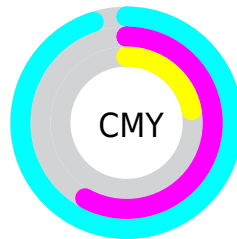
- Red (5%)
- Green (42%)
- Blue (78%)



- Red (5%)
- Yellow (29%)
- Blue (78%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6810, 53.8943, -66.3722 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 88.6810, 53.8943, -66.3722 by changing the saturation by 10% instead.

■ 88.6810, 53.8943,
-66.3722

■ 88.6810, 53.8943,
-66.3722

■ 255.0000, 0.0000,
0.0000

■ 67.5140, 50.5256,
-59.2098

■ 151.1290, 51.2084,
-44.8401

■ 51.5220, 45.0987,
-45.1848

■ 175.6600, 39.1146,
-39.1668

■ 36.2310, 39.8191,
-31.7746

■ 201.0660, 26.5895,
-35.1379

■ 22.2280, 34.3976,
-19.4940

■ 226.7710, 13.9169,
-30.4942

■ 11.8610, 27.6765,
-10.4021

■ 245.1330, 4.8644,
-20.2876

■ 6.7770, 18.3509,
-5.9434

■ 254.4020, 0.2948,

■ 3.2090, 9.7570,

-1.2296

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 88.6810, 53.8943,
-66.3722

■ 88.6810, 53.8943,
-66.3722

■ 81.2720, 57.5469,
-71.2755

■ 100.5310, 48.0522,
-59.2247

■ 112.3810, 42.2102,
-52.0771

■ 123.9320, 36.5155,
-45.5444

■ 135.1950, 30.9629,
-37.8820

■ 147.0450, 25.1208,
-30.7345

■ 158.8950, 19.2788,
-23.5869

■ 170.7450, 13.4367,
-16.4394

■ 182.2960, 7.7421,
-9.9066

■ 194.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



91.9690, 50.3013, -80.6568



88.6810, 53.8943, -66.3722



109.5300, 33.2627, 17.9522

Triad

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



88.6810, 53.8943, -66.3722



101.1430, -26.6925, 68.2806



82.3980, -4.1402, -72.2630

Complementary

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



88.6810, 53.8943, -66.3722



122.3190, -53.8943, 66.3722

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.



91.5720, -31.3410, -27.6886



88.6810, 53.8943, -66.3722



100.1530, -48.8824, 45.4698

Square

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



88.6810, 53.8943, -66.3722



100.3440, -4.6066, 77.7513



98.0580, -48.3426, 12.2271



89.1580, 16.6841, -78.1916

Rectangle

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



88.6810, 53.8943, -66.3722



107.7420, 21.8192, 48.4613



98.0580, -48.3426, 12.2271



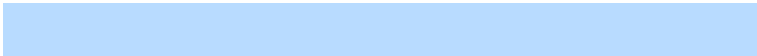
79.5140, -10.1134, -69.7338

Sweetspot

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



88.6810, 53.8943, -66.3722



212.6390, 20.8840, -25.1164



131.7410, -14.6623, -104.1359



101.9300, 12.8525, -15.7246



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.



88.6810, 53.8943, -66.3722



104.2060, 74.3414, -91.3887



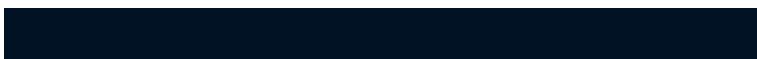
35.8510, 79.9395, -20.0403



93.9610, 2.4842, -3.4738



66.7160, 47.4680, -58.5099



14.6700, 10.5157, -12.8656

Inverse Universe

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



78.9170, 13.3519, 104.4358



90.8370, 18.3214, 143.9710



175.1490, -79.9395, 20.0403



93.2610, 0.8573, 5.0331



58.0850, 11.7901, 92.0105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 88.6810, 53.8943, -66.3722 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 88.6810, 53.8943, -66.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

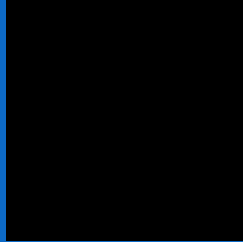
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6810, 53.8943, -66.3722

Background



This preview shows how black text looks on a background with the YUV color 88.6810, 53.8943, -66.3722.



This preview shows how white text looks on a background with the YUV color 88.6810, 53.8943, -66.3722.

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

88.6810, 53.8943, -66.3722

Protanopia

100.3320, 46.6713, -36.2482

Deuteranopia

85.0560, 51.7374, -74.5941



Tritanopia

83.5160, 20.4516, -73.2435

Trichromacy



Original Color

88.6810, 53.8943, -66.3722

Protanomaly

95.9500, 49.3247, -47.3141

Deuteranomaly

86.3060, 52.6001, -71.3054

Tritanomaly

85.7410, 32.6657, -70.8099

Monochromacy



Original Color

88.6810, 53.8943, -66.3722

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7100, 19.8630, -24.3017

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6810, 53.8943, -66.3722 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(13, 106, 198)` looks like.

```
.text, #text, p{  
    color:rgb(13, 106, 198)  
}
```

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(13, 106, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 106, 198) }
```

Border

The CSS property to change the border of an element to YUV 88.6810, 53.8943, -66.3722 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(13, 106, 198) }
```


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

```
.border{ border-color:rgb(13, 106, 198) }
```

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

Here you see how a box with a 4 pixel rgb(13, 106, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 106, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 106, 198);  
box-shadow:4px 4px 4px 4px rgb(13, 106,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 88.6810, 53.8943, -66.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 106, 198) }
```

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

```
.background{ background-color: rgb(13, 106,  
198) }
```

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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