

Converting Colors

YUV(83.6450, 45.0380,
-72.4797)

Have a look what the booklet for
YUV(83.6450, 45.0380, -72.4797)
contains.

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Color

**YUV(83.6450, 45.0380,
-72.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	016CAF
RGB	1, 108, 175
RGB Percent	0%, 42%, 69%
CMY	0.9961, 0.5765, 0.3137
CMYK	0.99, 0.38, 0.00, 0.31
HSL	203°, 99%, 35%
HSV	203°, 99%, 69%
XYZ	13.1129, 13.8267, 42.5351
YIQ	83.6450, -85.2790, -1.8470

Conversions

Conversions Part 2

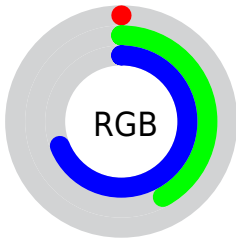
Format	Color
RYB	1, 67, 175
Decimal	93359
CIELab	43.98, -0.19, -42.78
CIElCh	44, 42.785, 269.746
Yxy	13.8267, 0.1887, 0.1990
Android (android.graphics.Color)	4278283439 (0xFF016CAF)
YUV	83.6450, 45.0380, -72.4797
Hunter-Lab	37.1843, -2.1250, -41.7928

Details

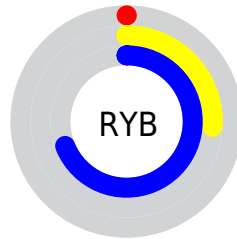
The YUV color **83.6450, 45.0380, -72.4797** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **92.3550, -45.0380, 72.4797**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8760, 41.4731, -49.0033**, and **49.7150, 35.6365, -43.6001** is the 20% darker color. If you saturate the color by 10%, you get **83.3460, 45.1854, -73.0944**, and if you desaturate by 10%, it is **92.8370, 40.5064, -65.6320**.

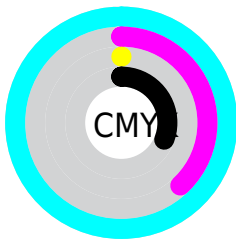
Distribution



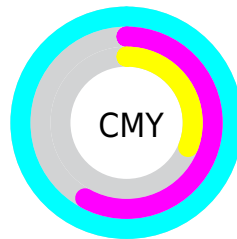
- Red (0%)
- Green (42%)
- Blue (69%)



- Red (0%)
- Yellow (26%)
- Blue (69%)



- Cyan (99%)
- Magenta (38%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6450, 45.0380, -72.4797 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 83.6450, 45.0380, -72.4797 by changing the saturation by 10% instead.

■ 83.6450, 45.0380,
-72.4797

■ 83.6450, 45.0380,
-72.4797

■ 255.0000, 0.0000,
0.0000

■ 66.1800, 40.3373,
-58.0399

■ 146.8760, 41.4731,
-49.0033

■ 49.7150, 35.6365,
-43.6001

■ 174.4310, 39.7205,
-46.8590

■ 34.5380, 30.7938,
-30.2898

■ 199.2500, 27.4847,
-42.3152

■ 19.9480, 25.6616,
-17.4944

■ 225.2430, 14.6702,
-38.8011

■ 7.9340, 20.2455,
-6.9581

■ 241.5450, 6.6333,
-27.6650

■ 3.6650, 11.5042,
-3.2142

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 83.6450, 45.0380,
-72.4797

■ 83.6450, 45.0380,
-72.4797

■ 83.3460, 45.1854,
-73.0944

■ 92.8370, 40.5064,
-65.6320

■ 101.7410, 36.1167,
-57.6549

■ 111.2320, 31.4376,
-50.1925

■ 120.4240, 26.9060,
-43.3448

■ 129.9150, 22.2269,
-35.8825

■ 138.5200, 17.9846,
-28.5200

■ 148.0110, 13.3056,
-21.0576

■ 157.2030, 8.7739,
-14.2100

■ 166.6940, 4.0949,
-6.7476

Harmonies

Analogous

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



87.4890, 38.2129, -76.7279



83.6450, 45.0380, -72.4797



105.7850, 29.6860, -1.5654

Triad

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



83.6450, 45.0380, -72.4797



102.6390, -15.5980, 56.4446



87.9670, -10.3367, -44.6981

Complementary

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



83.6450, 45.0380, -72.4797



92.3550, -45.0380, 72.4797

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.



96.3880, -28.7853, -7.3563



83.6450, 45.0380, -72.4797



102.1800, -29.6687, 42.8151

Square

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



83.6450, 45.0380, -72.4797



104.2810, 0.8475, 55.0046



99.7290, -35.8554, 20.4087



82.7690, 9.9739, -72.5884

Rectangle

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



83.6450, 45.0380, -72.4797



107.3600, 21.0215, 24.2403



99.7290, -35.8554, 20.4087



92.4050, -17.9477, -30.1732

Sweetspot

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



83.6450, 45.0380, -72.4797



191.4060, 17.5478, -28.4201



110.7760, -21.0886, -96.2736



93.0500, 10.8214, -17.5838



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



83.6450, 45.0380, -72.4797



108.0580, 58.6384, -94.7669



32.5760, 70.2150, -27.6922



81.9610, 2.4842, -3.4738



71.6910, 38.6063, -62.8730



10.8400, 5.9949, -9.5067

Inverse Universe

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



65.2240, 21.0886, 96.2736



83.8330, 27.6903, 125.5575



143.4240, -70.2150, 27.6922



81.2610, 0.8573, 5.0331



55.4520, 18.5112, 82.9186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 83.6450, 45.0380, -72.4797 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 83.6450, 45.0380, -72.4797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

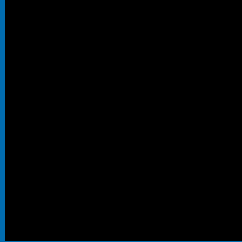
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.6450, 45.0380, -72.4797

Background



This preview shows how black text looks on a background with the YUV color 83.6450, 45.0380, -72.4797.



This preview shows how white text looks on a background with the YUV color 83.6450, 45.0380,

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

83.6450, 45.0380, -72.4797

Protanopia

102.1630, 32.9506, -22.0680

Deuteranopia

97.2470, 38.8252, -39.6816



Tritanopia

81.5270, 20.4462, -71.4992

Trichromacy



Original Color

83.6450, 45.0380, -72.4797

Protanomaly

95.1930, 37.3729, -40.5113

Deuteranomaly

92.1530, 41.3366, -51.8772

Tritanomaly

81.9320, 29.6135, -71.8544

Monochromacy



Original Color

83.6450, 45.0380, -72.4797

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0750, 16.2320, -26.3758

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6450, 45.0380, -72.4797 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(1, 108, 175)` looks like.

```
.text, #text, p{  
    color:rgb(1, 108, 175)  
}
```

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(1, 108, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 108, 175) }
```

Border

The CSS property to change the border of an element to YUV 83.6450, 45.0380, -72.4797 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(1, 108, 175) }
```


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

```
.border{ border-color:rgb(1, 108, 175) }
```

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

Here you see how a box with a 4 pixel rgb(1, 108, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 108, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 108, 175);  
box-shadow:4px 4px 4px 4px rgb(1, 108,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 83.6450, 45.0380, -72.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 108, 175) }
```

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

```
.background{ background-color: rgb(1, 108,  
175) }
```

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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