

Converting Colors

YIQ(89.3420, -97.2470, 5.8010)

Have a look what the booklet for
YIQ(89.3420, -97.2470, 5.8010)
contains.

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Color

**YIQ(89.3420, -97.2470,
5.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	0070CF
RGB	0, 112, 207
RGB Percent	0%, 44%, 81%
CMY	0.9998, 0.5606, 0.1887
CMYK	1.00, 0.46, 0.00, 0.19
HSL	208°, 100%, 41%
HSV	208°, 100%, 81%
XYZ	17.0476, 16.0981, 61.1651
YIQ	89.3420, -97.2470, 5.8010

Conversions

Conversions Part 2

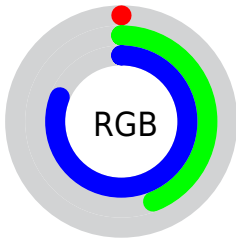
Format	Color
R _{YB}	0, 73, 207
Decimal	28879
CIE Lab	47.10, 9.98, -56.22
CIE LCh	47, 57.104, 280.065
Yxy	16.0981, 0.1808, 0.1707
Android (android.graphics.Color)	4278218959 (0xFF0070CF)
YUV	89.3420, 58.0054, -78.3529
Hunter-Lab	40.1224, 5.6285, -62.2998

Details

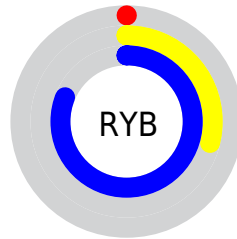
The YIQ color **89.3420, -97.2470, 5.8010** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **117.6580, 97.2470, -5.8010**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.3520, -67.6760, 15.0440**, and **55.4830, -66.6670, 13.2770** is the 20% darker color. If you saturate the color by 10%, you get **89.3420, -97.2470, 5.8010**, and if you desaturate by 10%, it is **101.4910, -87.4810, 5.0230**.

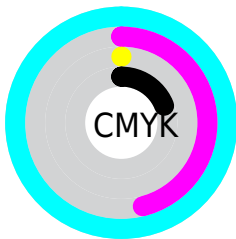
Distribution



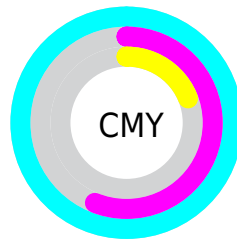
- Red (0%)
- Green (44%)
- Blue (81%)



- Red (0%)
- Yellow (29%)
- Blue (81%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (56%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.3420, -97.2470, 5.8010 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 YIQ color 89.3420, -97.2470, 5.8010 by changing the saturation by 10% instead.

■ 89.3420, -97.2470,
5.8010

■ 89.3420, -97.2470,
5.8010

■ 255.0000, -0.0000,
-0.0000

■ 72.0620, -81.6590,
9.6450

■ 154.3520,
-67.6760, 15.0440

■ 55.4830, -66.6670,
13.2770

■ 179.7690,
-56.0290, 7.7070

■ 40.0780, -52.2250,
15.8630

■ 205.4740,
-45.2530, -0.3650

■ 26.6620, -39.2500,
17.5020

■ 231.1790,
-34.4770, -8.4370

■ 13.8330, -26.5500,
18.6180

■ 245.7310,
-18.4760, -6.5720

■ 8.1620, -17.4710,
13.7690

■ 254.7010, -0.5960,

■ 4.4800, -9.8590,

-0.2120

7.9730

■ 0.0000, 0.0000,
0.0000

■ 89.3420, -97.2470,
5.8010

■ 101.4910,
-87.4810, 5.0230

■ 112.7540,
-78.0360, 4.5560

■ 124.9030,
-68.2700, 3.7780

■ 136.4650,
-58.2290, 3.5230

■ 147.7280,
-48.7840, 3.0560

■ 159.8770,
-39.0180, 2.2780

■ 171.4390,
-28.9770, 2.0230

■ 183.5880,
-19.2110, 1.2450

■ 194.8510, -9.7660,
0.7780

Harmonies

Analogous

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



96.9900, -99.4920, -3.0760



89.3420, -97.2470, 5.8010



114.6870, -4.8670, 38.6610

Triad

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



89.3420, -97.2470, 5.8010



106.7520, 74.4560, 16.2800



86.2620, -61.0170, -45.0890

Complementary

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



89.3420, -97.2470, 5.8010



117.6580, 97.2470, -5.8010

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.



97.0020, -4.6230, -42.8870



89.3420, -97.2470, 5.8010



105.4630, 66.7590, -14.9450

Square

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



89.3420, -97.2470, 5.8010



105.8820, 69.1790, 40.3390



103.0860, 39.2990, -34.9170



93.1360, -77.6170, -30.5850

Rectangle

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



89.3420, -97.2470, 5.8010



113.3830, 28.4640, 45.8400



103.0860, 39.2990, -34.9170



83.2640, -55.3310, -49.0190

Sweetspot

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



89.3420, -97.2470, 5.8010



211.7310, -35.6710, 2.1930



132.1110, -86.7780, -79.3380



101.3320, -21.3660, 1.7540



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.



89.3420, -97.2470, 5.8010



110.0760, -119.8050, 7.1310



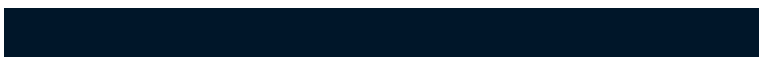
29.4680, -69.1970, 59.1470



98.7760, -5.1810, 0.2830



72.5690, -78.9530, 4.6550



17.5880, -19.2110, 1.2450

Inverse Universe

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



74.6610, 87.4200, 78.7160



91.9770, 107.6820, 96.9780



177.5320, 69.1970, -59.1470



97.9730, 4.6300, 4.1980



60.6060, 70.9170, 63.9170



14.7670, 17.3740, 15.5340

Previews

White Background



This preview shows how the YIQ color 89.3420, -97.2470, 5.8010 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 YIQ color 89.3420, -97.2470, 5.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

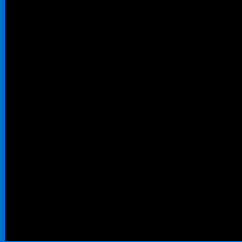
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.3420, -97.2470, 5.8010

Background



This preview shows how black text looks on a background with the YIQ color 89.3420, -97.2470, 5.8010.



This preview shows how white text looks on a background with the YIQ color 89.3420, -97.2470,

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

89.3420, -97.2470, 5.8010

Protanopia

105.6740, -56.7190, 20.2170

Deuteranopia

89.1310, -95.2750, 3.1010



Tritanopia

87.8360, -76.4720, -23.8000

Trichromacy



Original Color

89.3420, -97.2470, 5.8010

Protanomaly

99.4980, -71.0230, 15.1290

Deuteranomaly

89.4730, -96.2380, 4.0340

Tritanomaly

88.5660, -84.0390, -13.3110

Monochromacy



Original Color

89.3420, -97.2470, 5.8010

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.0300, -35.0750, 2.4050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.3420, -97.2470, 5.8010 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, 112, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 207)  
}
```

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, 112, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 207) }
```

Border

The CSS property to change the border of an element to YIQ 89.3420, -97.2470, 5.8010 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, 112, 207) }
```


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

```
.border{ border-color:rgb(0, 112, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 89.3420, -97.2470, 5.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 207) }
```

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

```
.background{ background-color: rgb(0, 112,  
207) }
```

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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