

Converting Colors

YIQ(100.2670, -109.8570,
14.0710)

Have a look what the booklet for
YIQ(100.2670, -109.8570, 14.0710)
contains.

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Color

**YIQ(100.2670, -109.8570,
14.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	0479F6
RGB	4, 121, 246
RGB Percent	2%, 47%, 96%
CMY	0.9842, 0.5253, 0.0358
CMYK	0.98, 0.51, 0.00, 0.04
HSL	211°, 97%, 49%
HSV	211°, 98%, 96%
XYZ	23.5065, 20.3577, 89.7700
YIQ	100.2670, -109.8570, 14.0710

Conversions

Conversions Part 2

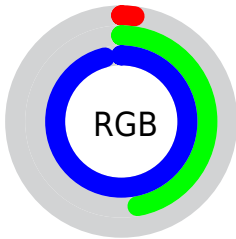
Format	Color
R _Y B	4, 83, 246
Decimal	293366
CIE _{Lab}	52.24, 19.71, -69.88
CIE _{LCh}	52, 72.610, 285.753
Yxy	20.3577, 0.1759, 0.1523
Android (android.graphics.Color)	4278483446 (0xFF0479F6)
YUV	100.2670, 71.8464, -84.4262
Hunter-Lab	45.1196, 14.0362, -86.3798

Details

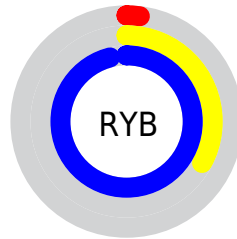
The YIQ color **100.2670, -109.8570, 14.0710** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **149.7330, 109.8570, -14.0710**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **163.8100, -63.2740, 12.3580**, and **64.9840, -81.0190, 20.0770** is the 20% darker color. If you saturate the color by 10%, you get **97.8970, -111.6910, 14.2690**, and if you desaturate by 10%, it is **115.3730, -98.5320, 12.5720**.

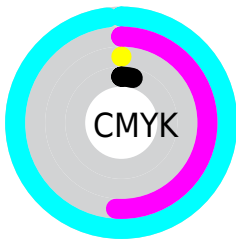
Distribution



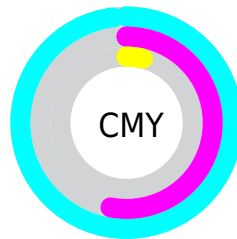
- Red (2%)
- Green (47%)
- Blue (96%)



- Red (2%)
- Yellow (33%)
- Blue (96%)



- Cyan (98%)
- Magenta (51%)
- Yellow (0%)
- Black (4%)



- Cyan (98%)
- Magenta (53%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.2670, -109.8570, 14.0710 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 100.2670, -109.8570, 14.0710 by changing the saturation by 10% instead.

■ 100.2670,
-109.8570, 14.0710

■ 100.2670,
-109.8570, 14.0710

■ 255.0000, -0.0000,
-0.0000

■ 81.6770, -96.3320,
16.7560

■ 163.8100,
-63.2740, 12.3580

■ 64.9840, -81.0190,
20.0770

■ 189.8250,
-50.4350, 5.4450

■ 49.4650, -66.2560,
22.3520

■ 215.8290,
-39.0630, -2.4150

■ 35.2340, -52.3640,
23.8920

■ 241.2460,
-27.4160, -9.7520

■ 19.3560, -37.9680,
27.3120

■ 250.5150, -8.9400,
-3.1800

■ 15.9190, -29.6680,
20.0600

■ 10.1340, -20.2680,

14.9000

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,
3.7320

■ 100.2670,
-109.8570, 14.0710

■ 100.2670,
-109.8570, 14.0710

■ 97.8970,
-111.6910, 14.2690

■ 115.3730,
-98.5320, 12.5720

■ 129.5930,
-87.5280, 11.3840

■ 144.6990,
-76.2030, 9.8850

■ 159.5060,
-65.4740, 8.1740

■ 174.0250,
-53.8740, 7.1980

■ 189.1310,
-42.5490, 5.6990

■ 203.9380,
-31.8200, 3.9880

■ 219.0440,
-20.4950, 2.4890

■ 233.2640, -9.4910,
1.3010

Harmonies

Analogous

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



110.2240, -117.4660, 3.2860



100.2670, -109.8570, 14.0710



127.0450, 6.4090, 54.5770

Triad

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



100.2670, -109.8570, 14.0710



115.8220, 94.6300, 14.1020



98.5380, -70.7820, -49.8380

Complementary

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



100.2670, -109.8570, 14.0710



149.7330, 109.8570, -14.0710

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.



97.3870, -25.4810, -61.3610



100.2670, -109.8570, 14.0710



117.4820, 73.7750, -20.9530

Square

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



100.2670, -109.8570, 14.0710



109.8470, 94.6230, 52.7910



113.3640, 35.2200, -43.5960



107.1220, -92.1970, -30.6690

Rectangle

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



100.2670, -109.8570, 14.0710



120.8130, 48.4050, 64.4130



113.3640, 35.2200, -43.5960



95.4430, -63.4450, -56.1570

Sweetspot

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



100.2670, -109.8570, 14.0710



209.3830, -34.5710, 4.2850



159.8480, -105.3910, -88.9350



100.1580, -20.8160, 2.8000



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.



100.2670, -109.8570, 14.0710



101.2710, -115.6800, 14.9760



31.5880, -77.6820, 75.2620



114.8900, -5.5020, 0.5940



74.0340, -84.4560, 10.7760



23.1620, -26.6390, 3.7050

Inverse Universe

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



89.6960, 106.6750, 87.6910



90.2670, 112.4970, 92.3130



218.4120, 77.6820, -75.2620



114.2720, 5.2260, 4.4100



65.8740, 81.9660, 67.4220



20.8330, 26.1760, 21.2160

Previews

White Background



This preview shows how the YIQ color 100.2670, -109.8570, 14.0710 looks on a white 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

Black Background



This preview shows how the YIQ color 100.2670, -109.8570, 14.0710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

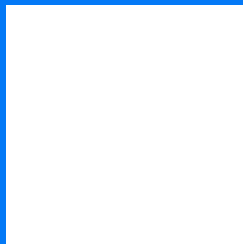
Any Text WCAG AAA × Fail

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

YIQ 100.2670, -109.8570, 14.0710 Background



This preview shows how black text looks on a background with the YIQ color 100.2670, -109.8570, 14.0710.



This preview shows how white text looks on a background with the YIQ color 100.2670, -109.8570,

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

100.2670, -109.8570, 14.0710

Protanopia

111.7110, -84.5040, 22.6640

Deuteranopia

99.6290, -105.5450, 1.9990



Tritanopia

97.6500, -84.8160, -26.7680

Trichromacy



Original Color

100.2670, -109.8570, 14.0710

Protanomaly

107.3400, -93.7650, 19.7950

Deuteranomaly

99.7800, -107.2880, 6.0560

Tritanomaly

98.5310, -94.1260, -12.2220

Monochromacy



Original Color

100.2670, -109.8570, 14.0710

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.2730, -40.0730, 4.8790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.2670, -109.8570, 14.0710 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(4, 121, 246)` looks like.

```
.text, #text, p{  
    color:rgb(4, 121, 246)  
}
```

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(4, 121, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 121, 246) }
```

Border

The CSS property to change the border of an element to YIQ 100.2670, -109.8570, 14.0710 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(4, 121, 246) }
```


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

```
.border{ border-color:rgb(4, 121, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 121, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 121, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 121, 246);  
box-shadow:4px 4px 4px 4px rgb(4, 121,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 100.2670, -109.8570, 14.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 121, 246) }
```

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

```
.background{ background-color: rgb(4, 121,  
246) }
```

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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