

Converting Colors

YIQ(113.0670, -107.5590,
-16.5750)

Have a look what the booklet for
YIQ(113.0670, -107.5590, -16.5750)
contains.

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Color

**YIQ(113.0670, -107.5590,
-16.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	0099CC
RGB	0, 153, 204
RGB Percent	0%, 60%, 80%
CMY	0.9998, 0.3997, 0.2005
CMYK	1.00, 0.25, 0.00, 0.20
HSL	195°, 100%, 40%
HSV	195°, 100%, 80%
XYZ	22.2866, 27.1575, 61.1193
YIQ	113.0670, -107.5590, -16.5750

Conversions

Conversions Part 2

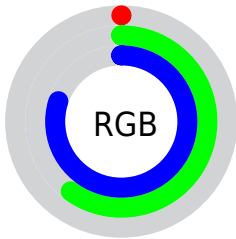
Format	Color
RYB	0, 87, 204
Decimal	39372
CIELab	59.12, -15.47, -35.46
CIELCh	59, 38.692, 246.433
Yxy	27.1575, 0.2016, 0.2456
Android (android.graphics.Color)	4278229452 (0xFF0099CC)
YUV	113.0670, 44.8300, -99.1598
Hunter-Lab	52.1129, -14.8601, -33.0578

Details

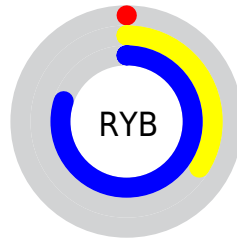
The YIQ color **113.0670, -107.5590, -16.5750** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **90.9330, 107.5590, 16.5750**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4790, -79.1800, -7.7560**, and **76.9740, -76.2000, -6.6960** is the 20% darker color. If you saturate the color by 10%, you get **113.0670, -107.5590, -16.5750**, and if you desaturate by 10%, it is **121.9820, -97.0140, -14.9500**.

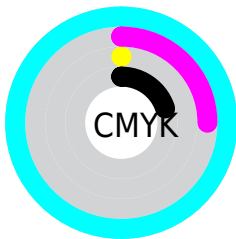
Distribution



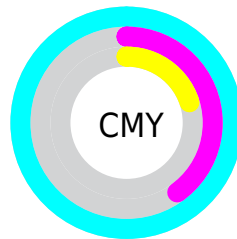
- Red (0%)
- Green (60%)
- Blue (80%)



- Red (0%)
- Yellow (34%)
- Blue (80%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.0670, -107.5590, -16.5750 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 113.0670, -107.5590, -16.5750 by changing the saturation by 10% instead.

■ 113.0670,
-107.5590, -16.5750

■ 113.0670,
-107.5590, -16.5750

■ 255.0000, -0.0000,
-0.0000

■ 94.6130, -91.4210,
-11.6850

■ 180.4790,
-79.1800, -7.7560

■ 76.8600, -75.8790,
-7.0070

■ 207.0700,
-68.0830, -16.1390

■ 59.8080, -60.9330,
-2.5410

■ 227.4920,
-54.8320, -19.5040

■ 43.4570, -46.5830,
1.7130

■ 236.7610,
-36.3560, -12.9320

■ 28.3940, -33.1040,
5.2320

■ 245.7310,
-18.4760, -6.5720

■ 8.1620, -17.4710,
13.7690

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 113.0670,
-107.5590, -16.5750

■ 121.9820,
-97.0140, -14.9500

■ 131.1960,
-85.8730, -13.1130

■ 140.1110,
-75.3280, -11.4880

■ 149.3250,
-64.1870, -9.6510

■ 158.2400,
-53.6420, -8.0260

■ 167.7420,
-43.3720, -6.9240

■ 176.9560,
-32.2310, -5.0870

■ 185.8710,
-21.6860, -3.4620

■ 195.0850,
-10.5450, -1.6250

Harmonies

Analogous

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



114.0810, -102.1470, -26.5550



113.0670, -107.5590, -16.5750



138.0800, -46.5390, 11.9330

Triad

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



113.0670, -107.5590, -16.5750



144.9020, 48.0910, 26.0350



134.9080, 2.1140, -27.3100

Complementary

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



113.0670, -107.5590, -16.5750



90.9330, 107.5590, 16.5750

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.



138.9070, 30.2180, -19.0140



113.0670, -107.5590, -16.5750



143.2920, 55.2000, 12.8320

Square

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



113.0670, -107.5590, -16.5750



146.3420, 26.5410, 31.1250



141.6310, 49.1510, -4.2010



128.4660, -34.7480, -31.0680

Rectangle

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



113.0670, -107.5590, -16.5750



143.9480, -19.4440, 21.9960



141.6310, 49.1510, -4.2010



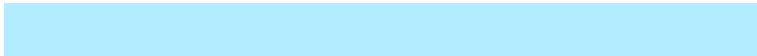
136.3500, 12.6130, -24.8510

Sweetspot

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



113.0670, -107.5590, -16.5750



221.1230, -40.0710, -6.1750



125.2200, -71.5080, -91.7640



107.2020, -24.1160, -3.4760



0.0000, 0.0000, 0.0000



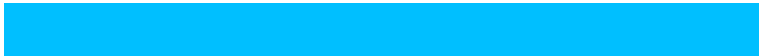
128.0000, -0.0000, -0.0000

Same Dimension

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



113.0670, -107.5590, -16.5750



141.1870, -134.3800, -20.5880



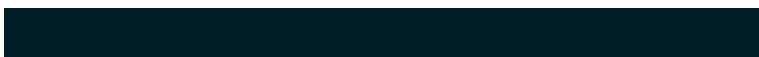
54.9540, -80.3340, 35.2020



97.2490, -5.1350, -0.5510



91.7120, -87.3860, -13.2260



21.3550, -20.1730, -3.3490

Inverse Universe

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



78.4380, 72.4710, 90.8310



98.0190, 90.6690, 113.4610



149.0460, 80.3340, -35.2020



95.7880, 3.7130, 4.2970



63.7700, 59.1320, 73.7560



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 113.0670, -107.5590, -16.5750 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 113.0670, -107.5590, -16.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

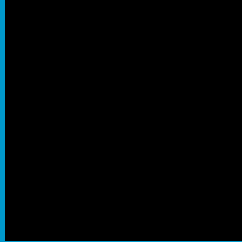
Any Text WCAG AA ✓ Pass

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 113.0670, -107.5590, -16.5750 Background



This preview shows how black text looks on a background with the YIQ color 113.0670, -107.5590, -16.5750.

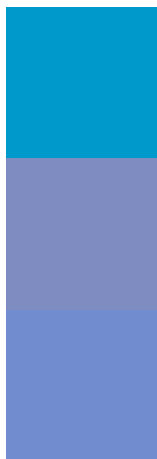


This preview shows how white text looks on a background with the YIQ color 113.0670, -107.5590, -16.5750.

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

113.0670, -107.5590, -16.5750

Protanopia

141.8560, -25.3570, 13.5150

Deuteranopia

140.4510, -37.2780, 14.8020



Tritanopia

111.4250, -97.4240, -29.5520

Trichromacy



Original Color

113.0670, -107.5590, -16.5750

Protanomaly

131.4930, -55.4320, 2.3920

Deuteranomaly

130.4260, -62.4930, 3.7070

Tritanomaly

112.3200, -101.3220, -24.9860

Monochromacy



Original Color

113.0670, -107.5590, -16.5750

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.3080, -39.1540, -6.2740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.0670, -107.5590, -16.5750 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, 153, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 204)  
}
```

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, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 204) }
```

Border

The CSS property to change the border of an element to YIQ 113.0670, -107.5590, -16.5750 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, 153, 204) }
```


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

```
.border{ border-color:rgb(0, 153, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 113.0670, -107.5590, -16.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 204) }
```

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

```
.background{ background-color: rgb(0, 153,  
204) }
```

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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