

Converting Colors

YIQ(113.7680, -108.1550,
-16.7870)

Have a look what the booklet for
YIQ(113.7680, -108.1550, -16.7870)
contains.

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Color

**YIQ(113.7680, -108.1550,
-16.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	009ACD
RGB	0, 154, 205
RGB Percent	0%, 60%, 80%
CMY	0.9998, 0.3958, 0.1965
CMYK	1.00, 0.25, 0.00, 0.20
HSL	195°, 100%, 40%
HSV	195°, 100%, 80%
XYZ	22.5713, 27.5346, 61.8071
YIQ	113.7680, -108.1550, -16.7870

Conversions

Conversions Part 2

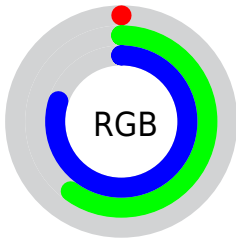
Format	Color
R_{YB}	0, 88, 205
Decimal	39629
CIE _{Lab}	59.47, -15.65, -35.48
CIE _{LCh}	59, 38.784, 246.195
Yxy	27.5346, 0.2017, 0.2460
Android (android.graphics.Color)	4278229709 (0xFF009ACD)
YUV	113.7680, 44.9774, -99.7745
Hunter-Lab	52.4735, -15.0472, -33.1047

Details

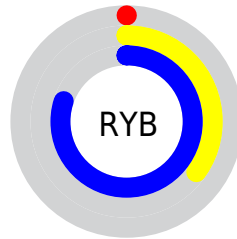
The YIQ color **113.7680, -108.1550, -16.7870** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **91.2320, 108.1550, 16.7870**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0660, -79.4550, -8.2790**, and **77.5610, -76.4750, -7.2190** is the 20% darker color. If you saturate the color by 10%, you get **113.7680, -108.1550, -16.7870**, and if you desaturate by 10%, it is **122.9820, -97.0140, -14.9500**.

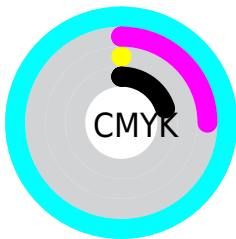
Distribution



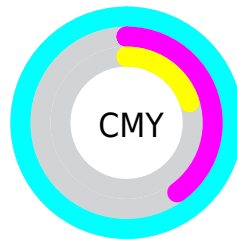
- Red (0%)
- Green (60%)
- Blue (80%)



- Red (0%)
- Yellow (35%)
- 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 113.7680, -108.1550, -16.7870 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 113.7680, -108.1550, -16.7870 by changing the saturation by 10% instead.

■ 113.7680,
-108.1550, -16.7870

■ 113.7680,
-108.1550, -16.7870

■ 255.0000, -0.0000,
-0.0000

■ 95.3140, -92.0170,
-11.8970

■ 181.0660,
-79.4550, -8.2790

■ 77.5610, -76.4750,
-7.2190

■ 207.6570,
-68.3580, -16.6620

■ 60.5090, -61.5290,
-2.7530

■ 227.4920,
-54.8320, -19.5040

■ 44.1580, -47.1790,
1.5010

■ 236.7610,
-36.3560, -12.9320

■ 29.0950, -33.7000,
5.0200

■ 246.0300,
-17.8800, -6.3600

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 113.7680,
-108.1550, -16.7870

■ 122.9820,
-97.0140, -14.9500

■ 131.8970,
-86.4690, -13.3250

■ 141.1110,
-75.3280, -11.4880

■ 150.0260,
-64.7830, -9.8630

■ 158.9410,
-54.2380, -8.2380

■ 168.7420,
-43.3720, -6.9240

■ 177.6570,
-32.8270, -5.2990

■ 186.8710,
-21.6860, -3.4620

■ 195.7860,
-11.1410, -1.8370

Harmonies

Analogous

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



114.6680, -102.4220, -27.0780



113.7680, -108.1550, -16.7870



139.0800, -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.



113.7680, -108.1550, -16.7870



145.3150, 48.3660, 26.5580



135.9080, 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.



113.7680, -108.1550, -16.7870



91.2320, 108.1550, 16.7870

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.



140.2060, 30.8140, -18.8020



113.7680, -108.1550, -16.7870



143.7050, 55.4750, 13.3550

Square

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



113.7680, -108.1550, -16.7870



147.0430, 25.9450, 30.9130



142.6310, 49.1510, -4.2010



129.4660, -34.7480, -31.0680

Rectangle

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



113.7680, -108.1550, -16.7870



144.9480, -19.4440, 21.9960



142.6310, 49.1510, -4.2010



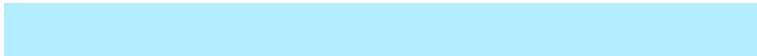
137.2360, 12.9340, -25.1620

Sweetspot

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



113.7680, -108.1550, -16.7870



221.1230, -40.0710, -6.1750



125.8070, -71.7830, -92.2870



107.2020, -24.1160, -3.4760



0.0000, 0.0000, 0.0000



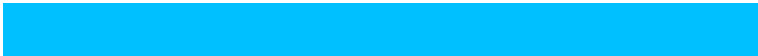
128.0000, -0.0000, -0.0000

Same Dimension

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



113.7680, -108.1550, -16.7870



141.7740, -134.6550, -21.1110



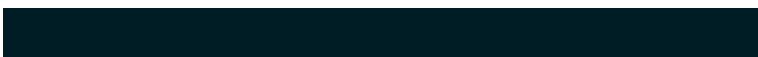
55.6550, -80.9300, 34.9900



97.2490, -5.1350, -0.5510



92.2990, -87.6610, -13.7490



21.3550, -20.1730, -3.3490

Inverse Universe

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



78.8510, 72.7460, 91.3540



98.1330, 90.3480, 113.7720



149.3450, 80.9300, -34.9900



95.7880, 3.7130, 4.2970



63.8840, 58.8110, 74.0670



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 113.7680, -108.1550, -16.7870 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 113.7680, -108.1550, -16.7870 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 113.7680, -108.1550, -16.7870 Background



This preview shows how black text looks on a background with the YIQ color 113.7680, -108.1550, -16.7870.

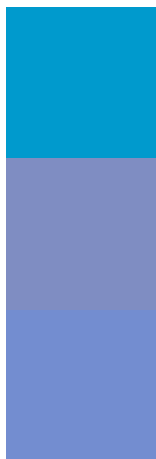


This preview shows how white text looks on a background with the YIQ color 113.7680, -108.1550, -16.7870.

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

113.7680, -108.1550, -16.7870

Protanopia

142.8560, -25.3570, 13.5150

Deuteranopia

140.8640, -37.0030, 15.3250



Tritanopia

112.1260, -98.0200, -29.7640

Trichromacy



Original Color

113.7680, -108.1550, -16.7870

Protanomaly

132.4930, -55.4320, 2.3920

Deuteranomaly

131.1270, -63.0890, 3.4950

Tritanomaly

113.0210, -101.9180, -25.1980

Monochromacy



Original Color

113.7680, -108.1550, -16.7870

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.3080, -39.1540, -6.2740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7680, -108.1550, -16.7870 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, 154, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 205)  
}
```

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, 154, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 205) }
```

Border

The CSS property to change the border of an element to YIQ 113.7680, -108.1550, -16.7870 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, 154, 205) }
```


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

```
.border{ border-color:rgb(0, 154, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 154, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7680, -108.1550, -16.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 205) }
```

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

```
.background{ background-color: rgb(0, 154,  
205) }
```

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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