

Converting Colors

YIQ(118.6490, -109.4380,
-21.0700)

Have a look what the booklet for
YIQ(118.6490, -109.4380, -21.0700)
contains.

YIQ(118.6490, -109.4380, -21.0700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(118.6490, -109.4380,
-21.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	01A2CC
RGB	1, 162, 204
RGB Percent	0%, 64%, 80%
CMY	0.9963, 0.3644, 0.2005
CMYK	1.00, 0.21, 0.00, 0.20
HSL	192°, 99%, 40%
HSV	192°, 100%, 80%
XYZ	23.8285, 30.2243, 61.6299
YIQ	118.6490, -109.4380, -21.0700

Conversions

Conversions Part 2

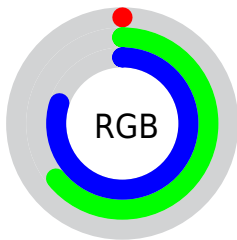
Format	Color
RYB	1, 91, 204
Decimal	107212
CIELab	61.85, -20.27, -31.22
CIELCh	62, 37.226, 237.001
Yxy	30.2243, 0.2060, 0.2613
Android (android.graphics.Color)	4278297292 (0xFF01A2CC)
YUV	118.6490, 42.0780, -103.1782
Hunter-Lab	54.9767, -18.8422, -27.9815

Details

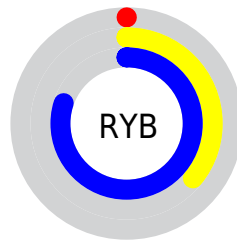
The YIQ color **118.6490, -109.4380, -21.0700** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **86.3510, 109.4380, 21.0700**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **186.6480, -81.3340, -12.7740**, and **81.6700, -78.4000, -10.8800** is the 20% darker color. If you saturate the color by 10%, you get **118.3500, -110.0340, -21.2820**, and if you desaturate by 10%, it is **126.9770, -98.6180, -18.9220**.

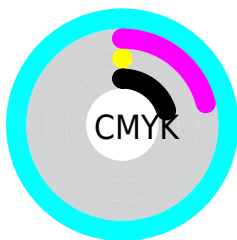
Distribution



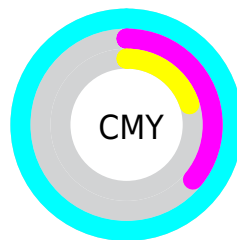
- Red (0%)
- Green (64%)
- Blue (80%)



- Red (0%)
- Yellow (36%)
- Blue (80%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.6490, -109.4380, -21.0700 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 118.6490, -109.4380, -21.0700 by changing the saturation by 10% instead.

■ 118.6490,
-109.4380, -21.0700

■ 118.6490,
-109.4380, -21.0700

■ 255.0000, -0.0000,
-0.0000

■ 99.8960, -93.8960,
-16.3920

■ 186.6480,
-81.3340, -12.7740

■ 81.6700, -78.4000,
-10.8800

■ 213.2390,
-70.2370, -21.1570

■ 64.6180, -63.4540,
-6.4140

■ 227.7910,
-54.2360, -19.2920

■ 47.5660, -48.5080,
-1.9480

■ 237.0600,
-35.7600, -12.7200

■ 31.9160, -34.7540,
2.0940

■ 246.3290,
-17.2840, -6.1480

■ 15.3200, -21.0920,
7.8040

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 118.6490,
-109.4380, -21.0700

■ 118.6490,
-109.4380, -21.0700

■ 118.3500,
-110.0340, -21.2820

■ 126.9770,
-98.6180, -18.9220

■ 135.6040,
-87.2020, -16.5620

■ 144.5190,
-76.6570, -14.9370

■ 153.1460,
-65.2410, -12.5770

■ 161.4740,
-54.4210, -10.4290

■ 169.8020,
-43.6010, -8.2810

■ 178.4290,
-32.1850, -5.9210

■ 187.3440,
-21.6400, -4.2960

■ 195.6720,
-10.8200, -2.1480

Harmonies

Analogous

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



117.7340, -102.7880, -31.4600



118.6490, -109.4380, -21.0700



142.7150, -55.9370, 6.0390

Triad

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



118.6490, -109.4380, -21.0700



152.2480, 41.3050, 27.8730



143.5780, 11.9710, -24.2290

Complementary

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



118.6490, -109.4380, -21.0700



86.3510, 109.4380, 21.0700

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.



147.1900, 36.9110, -13.6570



118.6490, -109.4380, -21.0700



150.5570, 53.1360, 17.2000

Square

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



118.6490, -109.4380, -21.0700



153.7260, 16.5920, 29.7120



149.5760, 50.9840, 1.1280



138.6480, -20.5810, -29.0050

Rectangle

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



118.6490, -109.4380, -21.0700



149.0390, -30.1260, 17.3460



149.5760, 50.9840, 1.1280



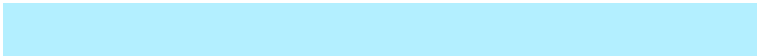
144.9490, 21.2320, -21.3600

Sweetspot

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



118.6490, -109.4380, -21.0700



222.8840, -40.8960, -7.7440



124.8350, -68.9860, -93.4180



108.3760, -24.6660, -4.5220



0.0000, 0.0000, 0.0000



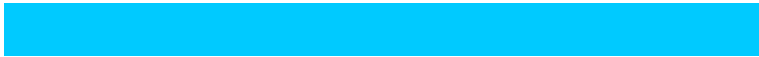
128.0000, -0.0000, -0.0000

Same Dimension

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



118.6490, -109.4380, -21.0700



147.6440, -137.4050, -26.3410



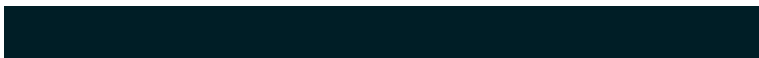
59.9490, -81.9380, 31.2300



97.8360, -5.4100, -1.0740



96.4080, -89.5860, -17.4100



21.9420, -20.4480, -3.8720

Inverse Universe

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



80.0510, 69.3070, 93.1070



99.2730, 87.1380, 116.8820



145.0510, 81.9380, -31.2300



95.9020, 3.3920, 4.6080



64.6820, 56.5640, 76.2440



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 118.6490, -109.4380, -21.0700 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 118.6490, -109.4380, -21.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

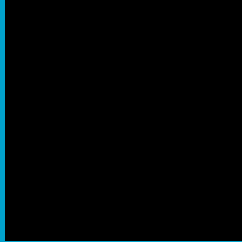
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 118.6490, -109.4380, -21.0700 Background



This preview shows how black text looks on a background with the YIQ color 118.6490, -109.4380, -21.0700.

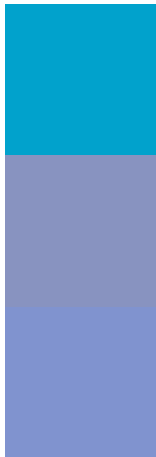


This preview shows how white text looks on a background with the YIQ color 118.6490, -109.4380, -21.0700.

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

118.6490, -109.4380, -21.0700

Protanopia

148.8410, -21.0010, 11.6630

Deuteranopia

148.1590, -30.5840, 14.6320



Tritanopia

117.1470, -102.5130, -30.9370

Trichromacy



Original Color

118.6490, -109.4380, -21.0700

Protanomaly

137.5810, -52.8640, -0.0960

Deuteranomaly

137.2260, -59.0540, 1.9540

Tritanomaly

117.5860, -105.1270, -27.6150

Monochromacy



Original Color

118.6490, -109.4380, -21.0700

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0690, -39.9790, -7.8430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.6490, -109.4380, -21.0700 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, 162, 204)` looks like.

```
.text, #text, p{  
    color:rgb(1, 162, 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(1, 162, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 162, 204) }
```

Border

The CSS property to change the border of an element to YIQ 118.6490, -109.4380, -21.0700 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, 162, 204) }
```


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

```
.border{ border-color:rgb(1, 162, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 162, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 162, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 162, 204);  
box-shadow:4px 4px 4px 4px rgb(1, 162,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 118.6490, -109.4380, -21.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 162, 204) }
```

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

```
.background{ background-color: rgb(1, 162,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor