

Converting Colors

YIQ(121.0910, -108.1070,
-28.6750)

Have a look what the booklet for
YIQ(121.0910, -108.1070, -28.6750)
contains.

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Color

**YIQ(121.0910, -108.1070,
-28.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	00A9C0
RGB	0, 169, 192
RGB Percent	0%, 66%, 75%
CMY	0.9998, 0.3370, 0.2475
CMYK	1.00, 0.12, 0.00, 0.25
HSL	187°, 100%, 38%
HSV	187°, 100%, 75%
XYZ	23.7030, 32.2031, 54.7695
YIQ	121.0910, -108.1070, -28.6750

Conversions

Conversions Part 2

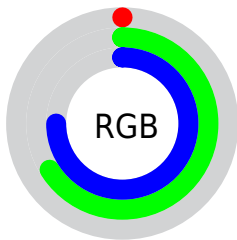
Format	Color
RYB	0, 90, 192
Decimal	43456
CIELab	63.51, -28.00, -21.97
CIElCh	64, 35.589, 218.124
Yxy	32.2031, 0.2142, 0.2910
Android (android.graphics.Color)	4278233536 (0xFF00A9C0)
YUV	121.0910, 34.9581, -106.1968
Hunter-Lab	56.7478, -24.7509, -17.4997

Details

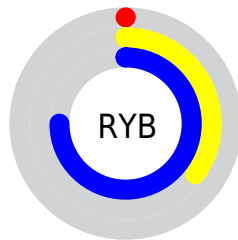
The YIQ color **121.0910, -108.1070, -28.6750** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **70.9090, 108.1070, 28.6750**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9480, -82.4790, -19.5590**, and **83.8240, -76.1980, -17.7500** is the 20% darker color. If you saturate the color by 10%, you get **121.0910, -108.1070, -28.6750**, and if you desaturate by 10%, it is **127.9460, -97.3330, -25.6930**.

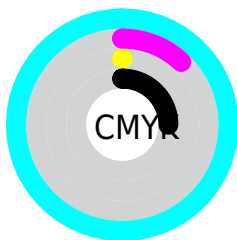
Distribution



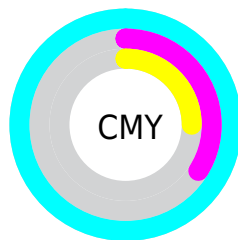
- Red (0%)
- Green (66%)
- Blue (75%)



- Red (0%)
- Yellow (35%)
- Blue (75%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.0910, -108.1070, -28.6750 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 121.0910, -108.1070, -28.6750 by changing the saturation by 10% instead.

■ 121.0910,
-108.1070, -28.6750

■ 121.0910,
-108.1070, -28.6750

■ 255.0000, -0.0000,
-0.0000

■ 102.1640,
-92.0150, -22.9510

■ 189.9480,
-82.4790, -19.5590

■ 84.4110, -76.4730,
-18.2730

■ 216.7500,
-73.3540, -25.2420

■ 66.8860, -61.5730,
-12.9730

■ 227.1930,
-55.4280, -19.7160

■ 49.9480, -46.9480,
-8.1960

■ 236.4620,
-36.9520, -13.1440

■ 33.8250, -33.2400,
-3.3200

■ 245.7310,
-18.4760, -6.5720

■ 17.8160, -19.8530,
1.8670

254.7010, -0.5960,

■ 3.0950, -7.3370,

-0.2120

6.3190

■ 0.0000, 0.0000,
0.0000

■ 121.0910,
-108.1070, -28.6750

■ 127.9460,
-97.3330, -25.6930

■ 135.3880,
-86.8340, -23.2340

■ 142.5420,
-75.4640, -20.0400

■ 149.3970,
-64.6900, -17.0580

■ 156.2520,
-53.9160, -14.0760

■ 163.6940,
-43.4170, -11.6170

■ 170.5490,
-32.6430, -8.6350

■ 177.7030,
-21.2730, -5.4410

■ 185.1450,
-10.7740, -2.9820

Harmonies

Analogous

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



132.3000, -72.2070, -29.5110



121.0910, -108.1070, -28.6750



138.9850, -74.7330, -5.7490

Triad

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



121.0910, -108.1070, -28.6750



157.8750, 26.3580, 28.9340



150.8790, 27.4210, -17.8830

Complementary

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



121.0910, -108.1070, -28.6750



70.9090, 108.1070, 28.6750

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.



153.3640, 45.5290, -4.6390



121.0910, -108.1070, -28.6750



156.6520, 45.7990, 23.5190

Square

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



121.0910, -108.1070, -28.6750



157.1410, -3.8100, 25.0060



155.2700, 52.2660, 10.9380



146.8910, 0.7840, -25.2320

Rectangle

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



121.0910, -108.1070, -28.6750



148.5800, -51.1230, 6.9010



155.2700, 52.2660, 10.9380



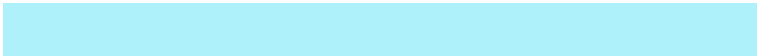
151.5210, 34.4810, -13.6710

Sweetspot

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



121.0910, -108.1070, -28.6750



222.2920, -42.2250, -11.1930



115.2120, -59.8620, -93.5740



108.6100, -25.4450, -6.9250



252.0000, 0.0000, 0.0000



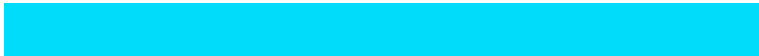
125.0000, 0.0000, 0.0000

Same Dimension

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



121.0910, -108.1070, -28.6750



157.6400, -140.7500, -37.3100



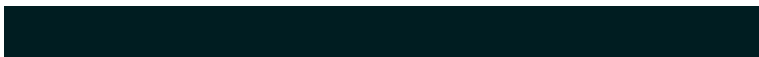
65.3260, -81.9820, 21.0100



93.4230, -5.6850, -1.5970



101.7080, -90.7310, -24.1950



20.7850, -18.5680, -4.9040

Inverse Universe

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



76.6740, 60.1830, 93.2630



99.8300, 78.3800, 121.4200



126.6740, 81.9820, -21.0100



91.0160, 3.0710, 4.9190



64.3270, 50.3740, 78.2940



13.1730, 10.3590, 16.0150

Previews

White Background



This preview shows how the YIQ color 121.0910, -108.1070, -28.6750 looks on a white background.

Color Contrast Check

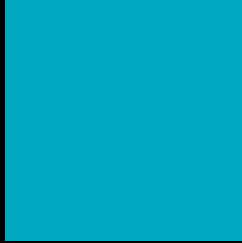
Large Text (above 18pt) WCAG AA × Fail

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 121.0910, -108.1070, -28.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

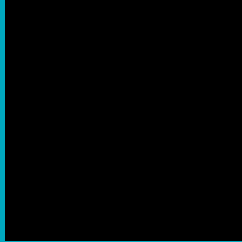
Any Text WCAG AA ✓ Pass

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 121.0910, -108.1070, -28.6750 Background



This preview shows how black text looks on a background with the YIQ color 121.0910, -108.1070, -28.6750.



This preview shows how white text looks on a background with the YIQ color 121.0910, -108.1070, -28.6750.

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

121.0910, -108.1070, -28.6750

Protanopia

153.6970, -11.9680, 7.6480

Deuteranopia

153.7490, -17.7460, 13.2460



Tritanopia

120.7660, -105.8140, -31.6860

Trichromacy



Original Color

121.0910, -108.1070, -28.6750

Protanomaly

141.8280, -46.4900, -5.4820

Deuteranomaly

141.8970, -50.9380, -1.9620

Tritanomaly

121.1080, -106.7770, -30.7530

Monochromacy



Original Color

121.0910, -108.1070, -28.6750

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7870, -39.2450, -10.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.0910, -108.1070, -28.6750 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, 169, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 192)  
}
```

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, 169, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 192) }
```

Border

The CSS property to change the border of an element to YIQ 121.0910, -108.1070, -28.6750 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, 169, 192) }
```


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

```
.border{ border-color:rgb(0, 169, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 121.0910, -108.1070, -28.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 192) }
```

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

```
.background{ background-color: rgb(0, 169,  
192) }
```

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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