

Converting Colors

YIQ(111.7960, -105.3580,
-17.9180)

Have a look what the booklet for
YIQ(111.7960, -105.3580, -17.9180)
contains.

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Color

**YIQ(111.7960, -105.3580,
-17.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	0098C6
RGB	0, 152, 198
RGB Percent	0%, 60%, 78%
CMY	0.9998, 0.4037, 0.2240
CMYK	1.00, 0.23, 0.00, 0.22
HSL	194°, 100%, 39%
HSV	194°, 100%, 78%
XYZ	21.4183, 26.5491, 57.3518
YIQ	111.7960, -105.3580, -17.9180

Conversions

Conversions Part 2

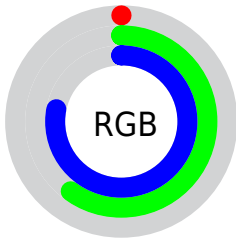
Format	Color
RYB	0, 86, 198
Decimal	39110
CIELab	58.55, -17.09, -32.98
CIELCh	59, 37.143, 242.604
Yxy	26.5491, 0.2034, 0.2521
Android (android.graphics.Color)	4278229190 (0xFF0098C6)
YUV	111.7960, 42.4986, -98.0451
Hunter-Lab	51.5259, -15.9712, -29.9257

Details

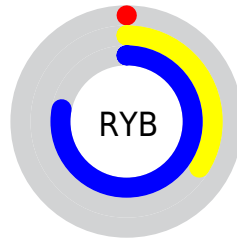
The YIQ color **111.7960, -105.3580, -17.9180** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **86.2040, 105.3580, 17.9180**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5930, -79.5010, -7.4450**, and **75.7030, -73.9990, -8.0390** is the 20% darker color. If you saturate the color by 10%, you get **111.7960, -105.3580, -17.9180**, and if you desaturate by 10%, it is **120.7110, -94.8130, -16.2930**.

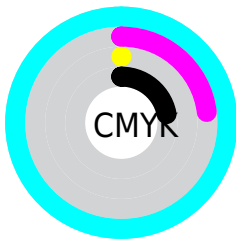
Distribution



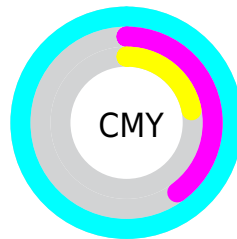
- Red (0%)
- Green (60%)
- Blue (78%)



- Red (0%)
- Yellow (34%)
- Blue (78%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7960, -105.3580, -17.9180 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 111.7960, -105.3580, -17.9180 by changing the saturation by 10% instead.

■ 111.7960,
-105.3580, -17.9180

■ 111.7960,
-105.3580, -17.9180

■ 255.0000, -0.0000,
-0.0000

■ 93.3420, -89.2200,
-13.0280

■ 179.5930,
-79.5010, -7.4450

■ 75.7030, -73.9990,
-8.0390

■ 205.8850,
-69.0000, -16.0400

■ 58.6510, -59.0530,
-3.5730

■ 226.8940,
-56.0240, -19.9280

■ 42.3000, -44.7030,
0.6810

■ 236.1630,
-37.5480, -13.3560

■ 27.2370, -31.2240,
4.2000

■ 245.1330,
-19.6680, -6.9960

■ 7.7060, -16.1870,
12.5250

254.4020, -1.1920,

■ 3.4370, -8.3000,

-0.4240

7.2520

■ 0.0000, 0.0000,
0.0000

■ 111.7960,
-105.3580, -17.9180

■ 120.7110,
-94.8130, -16.2930

■ 129.0390,
-83.9930, -14.1450

■ 137.6550,
-74.0440, -12.7320

■ 145.9830,
-63.2240, -10.5840

■ 154.8980,
-52.6790, -8.9590

■ 163.8130,
-42.1340, -7.3340

■ 172.1410,
-31.3140, -5.1860

■ 180.7570,
-21.3650, -3.7730

■ 189.0850,
-10.5450, -1.6250

Harmonies

Analogous

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



112.1090, -99.3500, -27.6860



111.7960, -105.3580, -17.9180



135.8300, -48.8310, 9.4170

Triad

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



111.7960, -105.3580, -17.9180



143.7490, 44.1480, 25.9080



134.5280, 6.2400, -24.9920

Complementary

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



111.7960, -105.3580, -17.9180



86.2040, 105.3580, 17.9180

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.



138.2710, 32.1890, -16.1870



111.7960, -105.3580, -17.9180



141.5630, 52.9990, 14.1750

Square

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



111.7960, -105.3580, -17.9180



144.9500, 21.7730, 29.4290



140.0270, 48.0960, -1.6000



128.6410, -27.8710, -29.0470

Rectangle

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



111.7960, -105.3580, -17.9180



141.6270, -22.9740, 19.8900



140.0270, 48.0960, -1.6000



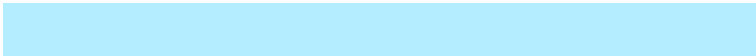
135.6710, 16.1430, -22.7450

Sweetspot

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



111.7960, -105.3580, -17.9180



221.7100, -40.3460, -6.6980



121.1280, -68.2530, -90.1810



107.7890, -24.3910, -3.9990



0.0000, 0.0000, 0.0000



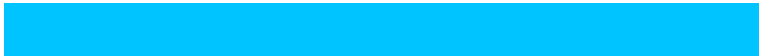
128.0000, -0.0000, -0.0000

Same Dimension

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



111.7960, -105.3580, -17.9180



144.1220, -135.7550, -23.2030



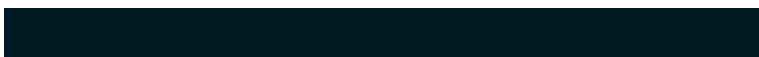
55.4440, -78.9580, 32.2900



95.1350, -4.8140, -0.8620



91.9570, -86.6980, -14.6820



19.9530, -18.9810, -2.9250

Inverse Universe

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



76.5300, 69.2160, 89.2480



98.5890, 89.0640, 115.0160



142.5560, 78.9580, -32.2900



93.4890, 3.1170, 4.0850



62.9870, 57.0230, 73.4310



13.8420, 12.7890, 16.0290

Previews

White Background



This preview shows how the YIQ color 111.7960, -105.3580, -17.9180 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 111.7960, -105.3580, -17.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

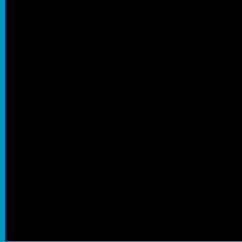
Any Text WCAG AA ✓ Pass

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 111.7960, -105.3580, -17.9180 Background



This preview shows how black text looks on a background with the YIQ color 111.7960, -105.3580, -17.9180.

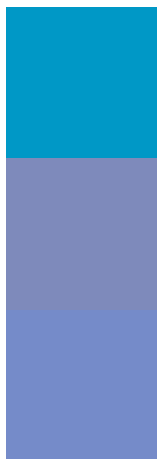


This preview shows how white text looks on a background with the YIQ color 111.7960, -105.3580, -17.9180.

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

111.7960, -105.3580, -17.9180

Protanopia

139.9980, -22.8810, 12.6950

Deuteranopia

139.4900, -33.0140, 14.6180



Tritanopia

110.7240, -96.8280, -29.3400

Trichromacy



Original Color

111.7960, -105.3580, -17.9180

Protanomaly

129.6350, -52.9560, 1.5720

Deuteranomaly

129.4540, -59.6960, 2.5760

Tritanomaly

111.3910, -100.0840, -25.3960

Monochromacy



Original Color

111.7960, -105.3580, -17.9180

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.0800, -38.5120, -6.8960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7960, -105.3580, -17.9180 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, 152, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 198)  
}
```

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, 152, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 198) }
```

Border

The CSS property to change the border of an element to YIQ 111.7960, -105.3580, -17.9180 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, 152, 198) }
```


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

```
.border{ border-color:rgb(0, 152, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7960, -105.3580, -17.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 198) }
```

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

```
.background{ background-color: rgb(0, 152,  
198) }
```

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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