

Converting Colors

YIQ(127.9700, -115.0760,
-29.0280)

Have a look what the booklet for
YIQ(127.9700, -115.0760, -29.0280)
contains.

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Color

**YIQ(127.9700, -115.0760,
-29.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	00B2CE
RGB	0, 178, 206
RGB Percent	0%, 70%, 81%
CMY	0.9998, 0.3017, 0.1926
CMYK	1.00, 0.14, 0.00, 0.19
HSL	188°, 100%, 40%
HSV	188°, 100%, 81%
XYZ	27.0611, 36.3209, 63.8992
YIQ	127.9700, -115.0760, -29.0280

Conversions

Conversions Part 2

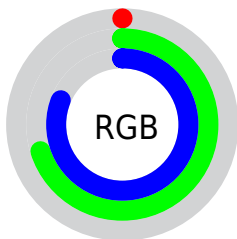
Format	Color
RYB	0, 95, 206
Decimal	45774
CIELab	66.76, -27.81, -24.75
CIELCh	67, 37.229, 221.665
Yxy	36.3209, 0.2126, 0.2854
Android (android.graphics.Color)	4278235854 (0xFF00B2CE)
YUV	127.9700, 38.4688, -112.2297
Hunter-Lab	60.2668, -25.3167, -20.6767

Details

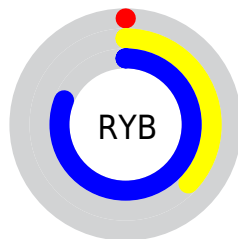
The YIQ color **127.9700, -115.0760, -29.0280** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **78.0300, 115.0760, 29.0280**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.2250, -84.8170, -21.2410**, and **90.7030, -83.1670, -18.1030** is the 20% darker color. If you saturate the color by 10%, you get **127.9700, -115.0760, -29.0280**, and if you desaturate by 10%, it is **136.0100, -103.3850, -26.1450**.

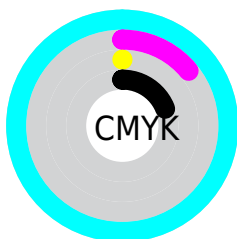
Distribution



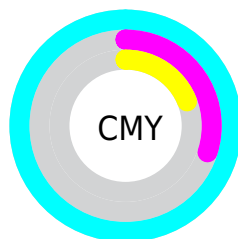
- Red (0%)
- Green (70%)
- Blue (81%)



- Red (0%)
- Yellow (37%)
- Blue (81%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.9700, -115.0760, -29.0280 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 127.9700, -115.0760, -29.0280 by changing the saturation by 10% instead.

■ 127.9700,
-115.0760, -29.0280

■ 127.9700,
-115.0760, -29.0280

■ 255.0000, -0.0000,
-0.0000

■ 108.9290,
-98.6630, -23.6150

■ 197.2250,
-84.8170, -21.2410

■ 90.7030, -83.1670,
-18.1030

■ 219.4190,
-70.9240, -25.2280

■ 73.0640, -67.9460,
-13.1140

■ 228.6880,
-52.4480, -18.6560

■ 55.5390, -53.0460,
-7.8140

■ 237.9570,
-33.9720, -12.0840

■ 39.1880, -38.6960,
-3.5600

■ 247.2260,
-15.4960, -5.5120

■ 25.4130, -26.0880,
-0.7760

■ 4.8220, -10.8220,

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 127.9700,
-115.0760, -29.0280

■ 136.0100,
-103.3850, -26.1450

■ 143.7510,
-92.2900, -23.4740

■ 151.2040,
-80.3240, -20.0680

■ 158.9450,
-69.2290, -17.3970

■ 166.9850,
-57.5380, -14.5140

■ 175.0250,
-45.8470, -11.6310

■ 182.7660,
-34.7520, -8.9600

■ 190.2190,
-22.7860, -5.5540

■ 197.9600,
-11.6910, -2.8830

Harmonies

Analogous

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



137.5700, -81.8350, -31.2350



127.9700, -115.0760, -29.0280



149.0390, -74.8250, -4.0810

Triad

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



127.9700, -115.0760, -29.0280



166.8540, 30.8510, 30.1070



158.9280, 25.7250, -20.1870

Complementary

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



127.9700, -115.0760, -29.0280



78.0300, 115.0760, 29.0280

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.



161.4950, 46.5380, -6.4060



127.9700, -115.0760, -29.0280



165.1040, 50.3380, 23.8580

Square

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



127.9700, -115.0760, -29.0280



166.4620, -0.2800, 27.1120



163.2980, 55.0630, 9.8070



154.5700, -2.7460, -27.3380

Rectangle

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



127.9700, -115.0760, -29.0280



157.6450, -49.7480, 9.5160



163.2980, 55.0630, 9.8070



159.7550, 33.7020, -16.0740

Sweetspot

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



127.9700, -115.0760, -29.0280



226.4060, -42.5460, -10.8820



124.0000, -65.3170, -99.3410



110.1370, -25.4910, -6.0910



0.0000, 0.0000, 0.0000



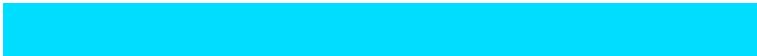
128.0000, -0.0000, -0.0000

Same Dimension

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



127.9700, -115.0760, -29.0280



158.7970, -142.6300, -36.2780



68.0960, -87.0260, 24.3180



98.4230, -5.6850, -1.5970



102.8650, -92.6110, -23.1630



23.7030, -21.2730, -5.4410

Inverse Universe

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



81.8860, 65.6380, 99.0300



101.4390, 81.0390, 122.7910



137.9040, 87.0260, -24.3180



96.0160, 3.0710, 4.9190



65.9360, 53.0330, 79.6650



15.1240, 12.0550, 18.3190

Previews

White Background



This preview shows how the YIQ color 127.9700, -115.0760, -29.0280 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 127.9700, -115.0760, -29.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

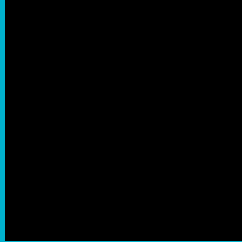
Any Text WCAG AA ✓ Pass

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 127.9700, -115.0760, -29.0280 Background



This preview shows how black text looks on a background with the YIQ color 127.9700, -115.0760, -29.0280.



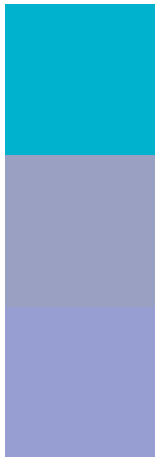
This preview shows how white text looks on a background with the YIQ color 127.9700, -115.0760, -29.0280.

-29.0280.

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

127.9700, -115.0760, -29.0280

Protanopia

161.9680, -14.1690, 8.9910

Deuteranopia

162.4220, -21.1390, 14.1650



Tritanopia

127.1890, -111.4990, -33.2830

Trichromacy



Original Color

127.9700, -115.0760, -29.0280

Protanomaly

149.9030, -51.0750, -4.9870

Deuteranomaly

149.9720, -55.5230, -1.4670

Tritanomaly

127.6450, -112.7830, -32.0390

Monochromacy



Original Color

127.9700, -115.0760, -29.0280

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.7050, -41.9500, -10.6700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.9700, -115.0760, -29.0280 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, 178, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 206)  
}
```

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, 178, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 206) }
```

Border

The CSS property to change the border of an element to YIQ 127.9700, -115.0760, -29.0280 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, 178, 206) }
```


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

```
.border{ border-color:rgb(0, 178, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 127.9700, -115.0760, -29.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 206) }
```

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

```
.background{ background-color: rgb(0, 178,  
206) }
```

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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