

Converting Colors

YIQ(127.5750, -106.5940,
-28.5620)

Have a look what the booklet for
YIQ(127.5750, -106.5940, -28.5620)
contains.

YIQ(127.5750, -106.5940, -28.5620)	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(127.5750, -106.5940,
-28.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	08AFC5
RGB	8, 175, 197
RGB Percent	3%, 69%, 77%
CMY	0.9688, 0.3134, 0.2279
CMYK	0.96, 0.11, 0.00, 0.23
HSL	187°, 92%, 40%
HSV	187°, 96%, 77%
XYZ	25.5078, 34.7644, 58.1217
YIQ	127.5750, -106.5940, -28.5620

Conversions

Conversions Part 2

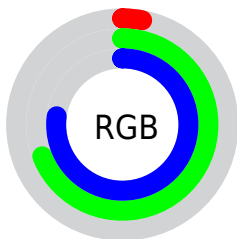
Format	Color
RYB	8, 97, 197
Decimal	569285
CIELab	65.56, -29.06, -21.61
CIElCh	66, 36.214, 216.637
Yxy	34.7644, 0.2154, 0.2936
Android (android.graphics.Color)	4278759365 (0xFF08AFC5)
YUV	127.5750, 34.2265, -104.8673
Hunter-Lab	58.9613, -25.9599, -17.1728

Details

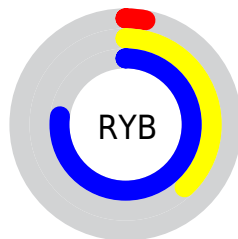
The YIQ color **127.5750, -106.5940, -28.5620** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **77.4250, 106.5940, 28.5620**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.0510, -84.2670, -20.1950**, and **87.9160, -79.4530, -19.3330** is the 20% darker color. If you saturate the color by 10%, you get **124.5960, -111.0870, -29.7350**, and if you desaturate by 10%, it is **134.7290, -95.2240, -25.3680**.

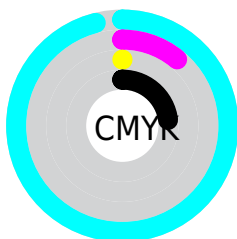
Distribution



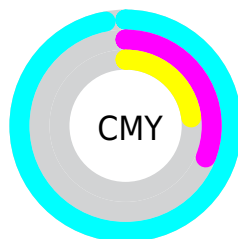
- Red (3%)
- Green (69%)
- Blue (77%)



- Red (3%)
- Yellow (38%)
- Blue (77%)



- Cyan (96%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.5750, -106.5940, -28.5620 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 127.5750, -106.5940, -28.5620 by changing the saturation by 10% instead.

■ 127.5750,
-106.5940, -28.5620

■ 127.5750,
-106.5940, -28.5620

■ 255.0000, -0.0000,
-0.0000

■ 106.2560,
-95.2700, -24.5340

■ 195.0510,
-84.2670, -20.1950

■ 87.9160, -79.4530,
-19.3330

■ 219.1200,
-71.5200, -25.4400

■ 70.2770, -64.2320,
-14.3440

■ 228.3890,
-53.0440, -18.8680

■ 53.4530, -49.9280,
-9.2560

■ 237.3590,
-35.1640, -12.5080

■ 36.6290, -35.6240,
-4.1680

■ 246.6280,
-16.6880, -5.9360

■ 22.9680, -23.3370,
-1.0730

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 127.5750,
-106.5940, -28.5620

■ 127.5750,
-106.5940, -28.5620

■ 124.5960,
-111.0870, -29.7350

■ 134.7290,
-95.2240, -25.3680

■ 142.1710,
-84.7250, -22.9090

■ 149.3250,
-73.3550, -19.7150

■ 156.4790,
-61.9850, -16.5210

■ 163.3340,
-51.2110, -13.5390

■ 171.0750,
-40.1160, -10.8680

■ 178.2290,
-28.7460, -7.6740

■ 185.0840,
-17.9720, -4.6920

■ 192.8250, -6.8770,
-2.0210

Harmonies

Analogous

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



138.3710, -70.9690, -29.9210



127.5750, -106.5940, -28.5620



143.7890, -77.1170, -6.5970

Triad

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



127.5750, -106.5940, -28.5620



163.8040, 25.1200, 29.3440



156.6620, 29.5300, -17.5580

Complementary

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



127.5750, -106.5940, -28.5620



77.4250, 106.5940, 28.5620

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.



158.6740, 47.5920, -3.4800



127.5750, -106.5940, -28.5620



162.4780, 46.3490, 24.5650

Square

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



127.5750, -106.5940, -28.5620



162.3580, -5.9190, 24.6810



160.3950, 53.4120, 12.1960



152.8480, 2.3430, -25.9530

Rectangle

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



127.5750, -106.5940, -28.5620



153.1990, -54.4240, 6.1520



160.3950, 53.4120, 12.1960



157.3040, 36.5900, -13.3460

Sweetspot

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



127.5750, -106.5940, -28.5620



227.5910, -41.6290, -10.9810



121.1090, -58.0740, -92.9380



111.0230, -25.1700, -6.4020



0.0000, 0.0000, 0.0000



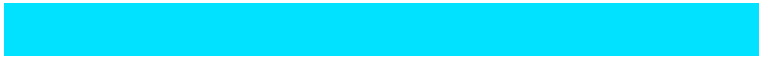
128.0000, -0.0000, -0.0000

Same Dimension

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



127.5750, -106.5940, -28.5620



161.7320, -144.0050, -38.8930



74.1580, -81.5690, 19.0310



95.7220, -5.0890, -1.3850



103.1100, -91.9230, -24.6190



22.8880, -20.3560, -5.5400

Inverse Universe

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



83.5490, 59.0370, 92.0050



102.0090, 79.4340, 124.3460



130.8420, 81.5690, -19.0310



93.6030, 2.7960, 4.3960



65.1530, 50.9240, 79.3400



14.4120, 11.1840, 17.5840

Previews

White Background



This preview shows how the YIQ color 127.5750, -106.5940, -28.5620 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 127.5750, -106.5940, -28.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

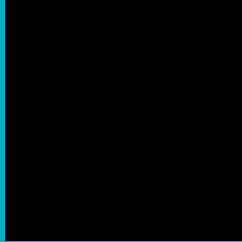
Any Text WCAG AA ✓ Pass

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 127.5750, -106.5940, -28.5620 Background



This preview shows how black text looks on a background with the YIQ color 127.5750, -106.5940, -28.5620.



This preview shows how white text looks on a background with the YIQ color 127.5750, -106.5940, -28.5620.

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

127.5750, -106.5940, -28.5620

Protanopia

158.8820, -11.0510, 7.5490

Deuteranopia

159.0480, -17.1500, 13.4580



Tritanopia

124.9720, -109.3900, -32.9580

Trichromacy



Original Color

127.5750, -106.5940, -28.5620

Protanomaly

147.7140, -46.1690, -5.7930

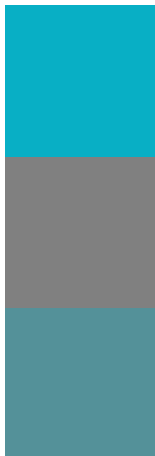
Deuteranomaly

147.4950, -49.7460, -1.5380

Tritanomaly

126.2110, -108.5650, -31.3890

Monochromacy



Original Color

127.5750, -106.5940, -28.5620

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.6730, -38.9240, -10.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.5750, -106.5940, -28.5620 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(8, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(8, 175, 197)  
}
```

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(8, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 175, 197) }
```

Border

The CSS property to change the border of an element to YIQ 127.5750, -106.5940, -28.5620 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(8, 175, 197) }
```


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

```
.border{ border-color:rgb(8, 175, 197) }
```

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

Here you see how a box with a 4 pixel rgb(8, 175, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(8, 175,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 127.5750, -106.5940, -28.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 175, 197) }
```

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

```
.background{ background-color: rgb(8, 175,  
197) }
```

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