

Converting Colors

YIQ(178.3280, -69.4100,
-30.6420)

Have a look what the booklet for
YIQ(178.3280, -69.4100, -30.6420)
contains.

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Color

**YIQ(178.3280, -69.4100,
-30.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD9CB
RGB	93, 217, 203
RGB Percent	36%, 85%, 80%
CMY	0.6356, 0.1488, 0.2042
CMYK	0.57, 0.00, 0.07, 0.15
HSL	173°, 62%, 61%
HSV	173°, 57%, 85%
XYZ	40.1041, 56.2843, 65.2080
YIQ	178.3280, -69.4100, -30.6420

Conversions

Conversions Part 2

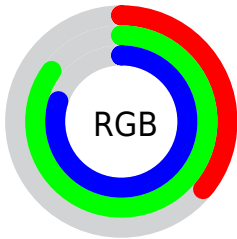
Format	Color
RYB	93, 159, 217
Decimal	6150603
CIELab	79.78, -37.81, -3.45
CIELCh	80, 37.963, 185.217
Yxy	56.2843, 0.2482, 0.3483
Android (android.graphics.Color)	4284340683 (0xFF5DD9CB)
YUV	178.3280, 12.1633, -74.8327
Hunter-Lab	75.0228, -35.8713, 0.9826

Details

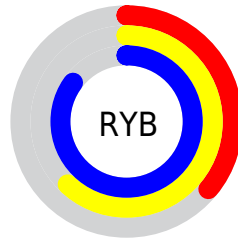
The YIQ color **178.3280, -69.4100, -30.6420** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **131.6720, 69.4100, 30.6420**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.8010, -60.1960, -21.4120**, and **112.9880, -89.1240, -36.8040** is the 20% darker color. If you saturate the color by 10%, you get **171.4080, -81.5590, -36.2390**, and if you desaturate by 10%, it is **185.1340, -56.9400, -25.3560**.

Distribution



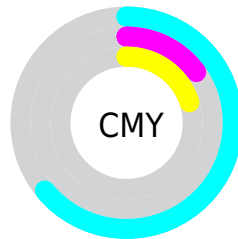
- Red (36%)
- Green (85%)
- Blue (80%)



- Red (36%)
- Yellow (62%)
- Blue (85%)



- Cyan (57%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (64%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.3280, -69.4100, -30.6420 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 178.3280, -69.4100, -30.6420 by changing the saturation by 10% instead.

■ 178.3280,
-69.4100, -30.6420

■ 178.3280,
-69.4100, -30.6420

■ 255.0000, -0.0000,
-0.0000

■ 148.6480,
-73.3070, -31.6030

■ 224.8010,
-60.1960, -21.4120

■ 113.5750,
-89.3990, -37.3270

■ 233.4720,
-42.9120, -15.2640

■ 93.2670, -76.6080,
-32.3520

■ 242.4420,
-25.0320, -8.9040

■ 75.1550, -61.4330,
-26.5290

■ 251.7110, -6.5560,
-2.3320

■ 57.8580, -47.1750,
-20.6070

■ 41.1480, -33.1920,
-15.2080

■ 26.4270, -20.6760,

-10.7560

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 178.3280,
-69.4100, -30.6420

■ 178.3280,
-69.4100, -30.6420

■ 171.4080,
-81.5590, -36.2390

■ 185.1340,
-56.9400, -25.3560

■ 164.9010,
-93.4330, -41.3130

■ 191.7550,
-45.3870, -19.9710

■ 158.0950,
-105.9030, -46.5990

■ 198.5610,
-32.9170, -14.6850

■ 151.1750,
-118.0520, -52.1960

■ 205.4810,
-20.7680, -9.0880

■ 149.2670,
-121.3070, -53.7790

■ 211.9880, -8.8940,
-4.0140

■ 218.9080, 3.2550,
1.5830

■ 225.7140, 15.7250,
6.8690

■ 229.0460, 20.7220,
9.9220

■ 229.2740, 20.0800,
10.5440

Harmonies

Analogous

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



185.0210, -31.9970, -31.3650



178.3280, -69.4100, -30.6420



174.4520, -92.8860, -23.6860

Triad

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



178.3280, -69.4100, -30.6420



201.0420, -7.8450, 26.5470



197.4250, 52.7270, -2.9290

Complementary

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



178.3280, -69.4100, -30.6420



131.6720, 69.4100, 30.6420

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.



197.0960, 52.8160, 11.9840



178.3280, -69.4100, -30.6420



202.8690, 26.4950, 31.9590

Square

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



178.3280, -69.4100, -30.6420



193.4240, -41.8160, 8.9360



198.6240, 43.0020, 24.6500



195.2880, 33.5190, -18.2650

Rectangle

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



178.3280, -69.4100, -30.6420



179.5270, -88.3030, -13.1270



198.6240, 43.0020, 24.6500



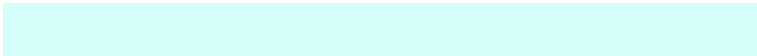
198.8540, 56.0730, 2.5130

Sweetspot

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



178.3280, -69.4100, -30.6420



241.5730, -24.0230, -10.6710



169.9740, -25.7560, -61.8840



119.8840, -14.5330, -6.4450



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.



178.3280, -69.4100, -30.6420



200.0960, -98.4760, -43.5320



151.7480, -60.7040, -1.1840



106.4830, -5.9140, -2.9540



119.1070, -97.0090, -42.5850



31.6760, -25.8110, -11.3070

Inverse Universe

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



131.6720, 69.4100, 30.6420



133.9040, 98.4760, 43.5320



158.2520, 60.7040, 1.1840



102.4030, 6.2350, 2.6430



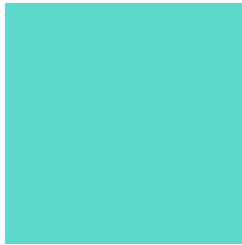
54.0070, 96.6880, 42.8960



14.3240, 25.8110, 11.3070

Previews

White Background



This preview shows how the YIQ color 178.3280, -69.4100, -30.6420 looks on a white background.

Color Contrast Check

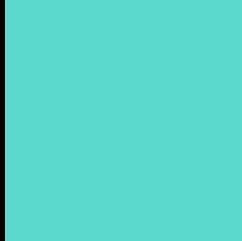
Large Text (above 18pt) WCAG AA × Fail

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 178.3280, -69.4100, -30.6420 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

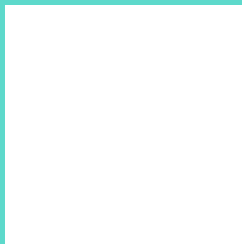
Any Text WCAG AAA ✓ Pass

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

YIQ 178.3280, -69.4100, -30.6420 Background



This preview shows how black text looks on a background with the YIQ color 178.3280, -69.4100, -30.6420.

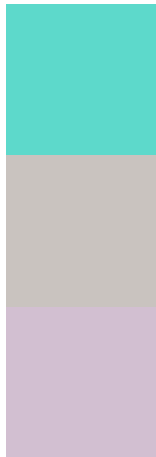


This preview shows how white text looks on a background with the YIQ color 178.3280, -69.4100, -30.6420.

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

178.3280, -69.4100, -30.6420

Protanopia

196.3380, 4.8600, 0.0280

Deuteranopia

198.7330, 5.5460, 9.6260



Tritanopia

182.0480, -71.0170, -18.0330

Trichromacy



Original Color

178.3280, -69.4100, -30.6420



Protanomaly

189.8290, -21.8680, -11.1800



Deuteranomaly

190.9310, -21.9150, -4.8190



Tritanomaly

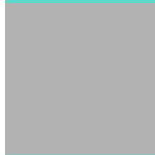
180.2990, -70.4660, -22.5140

Monochromacy



Original Color

178.3280, -69.4100, -30.6420



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

177.9750, -25.2150, -11.0950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.3280, -69.4100, -30.6420 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(93, 217, 203)` looks like.

```
.text, #text, p{  
    color:rgb(93, 217, 203)  
}
```

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(93, 217, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 217, 203) }
```

Border

The CSS property to change the border of an element to YIQ 178.3280, -69.4100, -30.6420 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(93, 217, 203) }
```


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

```
.border{ border-color:rgb(93, 217, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 217, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 217, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 217, 203);  
box-shadow:4px 4px 4px 4px rgb(93, 217,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 178.3280, -69.4100, -30.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 217, 203) }
```

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

```
.background{ background-color: rgb(93, 217,  
203) }
```

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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