

Converting Colors

YIQ(178.0220, -50.9330,
-29.5970)

Have a look what the booklet for
YIQ(178.0220, -50.9330, -29.5970)
contains.

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Color

**YIQ(178.0220, -50.9330,
-29.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD3B8
RGB	111, 211, 184
RGB Percent	44%, 83%, 72%
CMY	0.5649, 0.1724, 0.2786
CMYK	0.47, 0.00, 0.13, 0.17
HSL	164°, 53%, 63%
HSV	164°, 47%, 83%
XYZ	38.4990, 53.4434, 53.6085
YIQ	178.0220, -50.9330, -29.5970

Conversions

Conversions Part 2

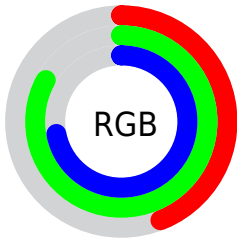
Format	Color
RYB	111, 169, 211
Decimal	7328696
CIELab	78.14, -35.81, 4.38
CIELCh	78, 36.078, 173.031
Yxy	53.4434, 0.2645, 0.3672
Android (android.graphics.Color)	4285518776 (0xFF6FD3B8)
YUV	178.0220, 2.9472, -58.7783
Hunter-Lab	73.1050, -33.9312, 7.6957

Details

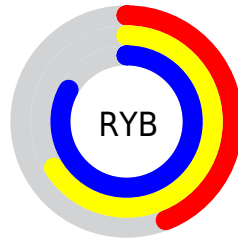
The YIQ color **178.0220, -50.9330, -29.5970** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.9780, 50.9330, 29.5970**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.2770, -47.0370, -23.1090**, and **122.0540, -53.9590, -29.8230** is the 20% darker color. If you saturate the color by 10%, you get **171.0590, -61.5230, -35.9150**, and if you desaturate by 10%, it is **184.9850, -40.3430, -23.2790**.

Distribution



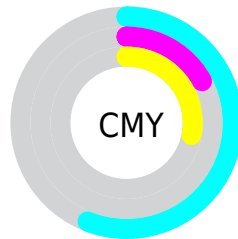
- Red (44%)
- Green (83%)
- Blue (72%)



- Red (44%)
- Yellow (66%)
- Blue (83%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)



- Cyan (56%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.0220, -50.9330, -29.5970 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 178.0220, -50.9330, -29.5970 by changing the saturation by 10% instead.

■ 178.0220,
-50.9330, -29.5970

■ 178.0220,
-50.9330, -29.5970

■ 255.0000, -0.0000,
-0.0000

■ 149.8370,
-51.8500, -29.4980

■ 227.2770,
-47.0370, -23.1090

■ 122.0540,
-53.9590, -29.8230

■ 237.6580,
-34.5680, -12.2960

■ 89.9000, -65.3290,
-33.0170

■ 246.3290,
-17.2840, -6.1480

■ 70.3960, -54.9220,
-28.8900

■ 53.0990, -40.6640,
-22.9680

■ 36.5030, -27.0020,
-17.2580

■ 22.3690, -14.7610,

-13.3290

■ 0.0000, 0.0000,
0.0000

■ 178.0220,
-50.9330, -29.5970

■ 178.0220,
-50.9330, -29.5970

■ 171.0590,
-61.5230, -35.9150

■ 184.9850,
-40.3430, -23.2790

■ 164.2100,
-72.4340, -41.9220

■ 191.8340,
-29.4320, -17.2720

■ 157.2470,
-83.0240, -48.2400


■ 198.7970,
-18.8420, -10.9540


■ 150.2840,
-93.6140, -54.5580


■ 205.7600, -8.2520,
-4.6360


■ 143.0220,
-104.8000, -61.0880


■ 212.7230, 2.3380,
1.6820

 141.4130,
-107.4590, -62.4590

 219.8710, 13.8450,
7.9010

 225.6380, 22.0510,
13.3710

 226.3220, 20.1250,
15.2370

 226.8920, 18.5200,
16.7920

Harmonies

Analogous

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



183.9860, -15.7210, -28.9770



178.0220, -50.9330, -29.5970



172.6290, -80.3230, -25.5950

Triad

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



178.0220, -50.9330, -29.5970



194.7520, -21.8280, 21.1480



194.1250, 53.8720, 3.8560

Complementary

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



178.0220, -50.9330, -29.5970



143.9780, 50.9330, 29.5970

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.



194.7140, 51.2560, 18.2320



178.0220, -50.9330, -29.5970



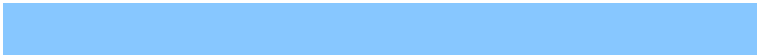
198.1600, 12.3740, 29.0620

Square

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



178.0220, -50.9330, -29.5970



186.2480, -56.1200, 3.8480



197.8780, 39.4710, 28.0710



191.5110, 40.4410, -11.5510

Rectangle

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



178.0220, -50.9330, -29.5970



173.7350, -86.1930, -18.3290



197.8780, 39.4710, 28.0710



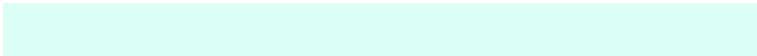
195.0700, 55.7050, 9.1850

Sweetspot

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



178.0220, -50.9330, -29.5970



243.0960, -18.2460, -10.7420



178.0720, -10.8120, -46.3640



120.7380, -11.1860, -6.5300



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.



178.0220, -50.9330, -29.5970



207.1990, -73.9010, -42.8690



168.1860, -53.5500, -9.6940



101.3690, -5.5930, -3.2650



112.6380, -85.6830, -49.6110



27.4870, -20.9050, -12.1130

Inverse Universe

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



143.9780, 50.9330, 29.5970



157.8010, 73.9010, 42.8690



153.8140, 53.5500, 9.6940



97.6310, 5.5930, 3.2650



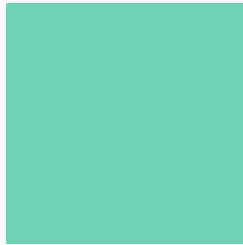
55.4760, 85.3620, 49.9220



13.5130, 20.9050, 12.1130

Previews

White Background



This preview shows how the YIQ color 178.0220, -50.9330, -29.5970 looks on a white background.

Color Contrast Check

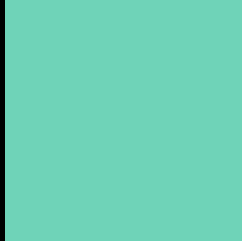
Large Text (above 18pt) WCAG AA × Fail

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 178.0220, -50.9330, -29.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

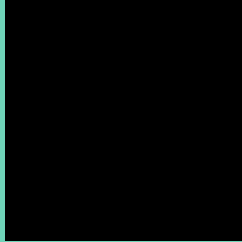
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

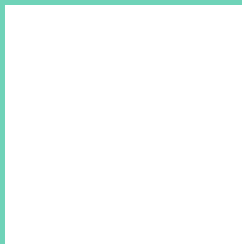
Any Text WCAG AAA ✓ Pass

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

YIQ 178.0220, -50.9330, -29.5970 Background



This preview shows how black text looks on a background with the YIQ color 178.0220, -50.9330, -29.5970.



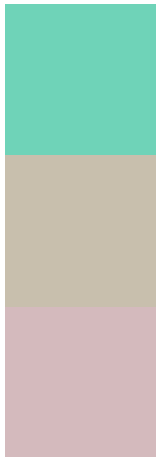
This preview shows how white text looks on a background with the YIQ color 178.0220, -50.9330, -29.5970.

-29.5970.

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

178.0220, -50.9330, -29.5970

Protanopia

191.6390, 11.1420, -3.6900

Deuteranopia

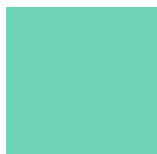
194.1160, 14.5330, 6.4450



Tritanopia

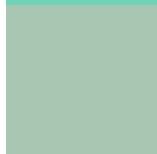
182.7080, -55.2000, -12.8320

Trichromacy



Original Color

178.0220, -50.9330, -29.5970



Protanomaly

186.6360, -11.1390, -12.8910



Deuteranomaly

188.1080, -9.3520, -6.7280



Tritanomaly

181.0900, -53.6400, -19.0800

Monochromacy



Original Color

178.0220, -50.9330, -29.5970



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

178.0960, -18.2460, -10.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.0220, -50.9330, -29.5970 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(111, 211, 184)` looks like.

```
.text, #text, p{  
    color:rgb(111, 211, 184)  
}
```

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(111, 211, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 211, 184) }
```

Border

The CSS property to change the border of an element to YIQ 178.0220, -50.9330, -29.5970 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(111, 211, 184) }
```


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

```
.border{ border-color:rgb(111, 211, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 211, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 211, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 211, 184);  
box-shadow:4px 4px 4px 4px rgb(111, 211,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 178.0220, -50.9330, -29.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 211, 184) }
```

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

```
.background{ background-color: rgb(111,  
211, 184) }
```

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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