

Converting Colors

YIQ(190.3250, -56.1600,
-28.4800)

Have a look what the booklet for
YIQ(190.3250, -56.1600, -28.4800)
contains.

YIQ(190.3250, -56.1600, -28.4800)	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(190.3250, -56.1600,
-28.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	77E0CC
RGB	119, 224, 204
RGB Percent	47%, 88%, 80%
CMY	0.5336, 0.1214, 0.2002
CMYK	0.47, 0.00, 0.09, 0.12
HSL	169°, 63%, 67%
HSV	169°, 47%, 88%
XYZ	45.1588, 61.6093, 66.6052
YIQ	190.3250, -56.1600, -28.4800

Conversions

Conversions Part 2

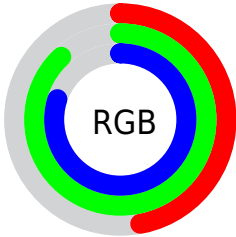
Format	Color
RYB	119, 177, 224
Decimal	7856332
CIELab	82.71, -35.30, 0.40
CIELCh	83, 35.300, 179.344
Yxy	61.6093, 0.2605, 0.3554
Android (android.graphics.Color)	4286046412 (0xFF77E0CC)
YUV	190.3250, 6.7418, -62.5520
Hunter-Lab	78.4916, -34.6633, 4.6328

Details

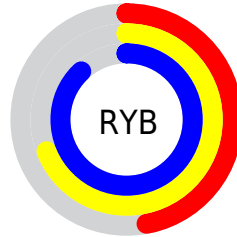
The YIQ color **190.3250, -56.1600, -28.4800** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **152.6750, 56.1600, 28.4800**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6780, -46.4880, -16.5360**, and **133.3570, -59.1860, -28.7060** is the 20% darker color. If you saturate the color by 10%, you get **183.2910, -67.9880, -34.3880**, and if you desaturate by 10%, it is **197.3590, -44.3320, -22.5720**.

Distribution



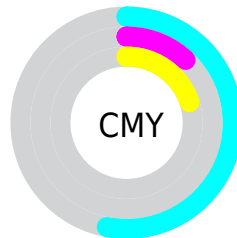
- Red (47%)
- Green (88%)
- Blue (80%)



- Red (47%)
- Yellow (69%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (53%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.3250, -56.1600, -28.4800 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 190.3250, -56.1600, -28.4800 by changing the saturation by 10% instead.

■ 190.3250,
-56.1600, -28.4800

■ 190.3250,
-56.1600, -28.4800

■ 255.0000, -0.0000,
-0.0000

■ 162.1400,
-57.0770, -28.3810

■ 231.6780,
-46.4880, -16.5360

■ 133.3570,
-59.1860, -28.7060

■ 240.3490,
-29.2040, -10.3880

■ 102.5840,
-67.2550, -31.1510

■ 249.3190,
-11.3240, -4.0280

■ 78.7910, -63.4040,
-29.3560

■ 61.3800, -48.8250,
-23.7450

■ 44.7840, -35.1630,
-18.0350

■ 28.8890, -22.0970,

-12.5370

■ 10.8910, -7.2430,
-6.4030

■ 0.0000, 0.0000,
0.0000

■ 190.3250,
-56.1600, -28.4800

■ 190.3250,
-56.1600, -28.4800

■ 183.2910,
-67.9880, -34.3880

■ 197.3590,
-44.3320, -22.5720

■ 175.8440,
-80.0910, -40.8190

■ 204.8060,
-32.2290, -16.1410

■ 168.8100,
-91.9190, -46.7270

■ 211.8400,
-20.4010, -10.2330

■ 161.4770,
-104.3430, -52.8470

■ 219.1730, -7.9770,
-4.1130

■ 154.4430,
-116.1710, -58.7550

■ 226.2070, 3.8510,
1.7950

■ 152.1220,
-119.7010, -60.8610

■ 233.3550, 15.3580,
8.0140

■ 234.4090, 15.2660,
9.6820

■ 234.8650, 13.9820,
10.9260

■ 235.4350, 12.3770,
12.4810

Harmonies

Analogous

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



195.8650, -22.6900, -29.3300



190.3250, -56.1600, -28.4800



186.9220, -79.5900, -22.3580

Triad

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



190.3250, -56.1600, -28.4800



207.7870, -11.7410, 20.0590



206.0490, 51.0300, 0.2940

Complementary

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



190.3250, -56.1600, -28.4800



152.6750, 56.1600, 28.4800

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.



203.6160, 45.4800, 12.7760



190.3250, -56.1600, -28.4800



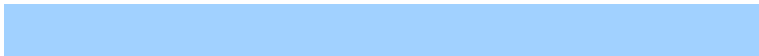
210.9820, 18.7470, 29.2030

Square

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



190.3250, -56.1600, -28.4800



199.8920, -43.3740, 4.1300



206.2040, 35.4370, 24.0850



204.3640, 36.3610, -14.7030

Rectangle

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



190.3250, -56.1600, -28.4800



189.6050, -79.7750, -13.4950



206.2040, 35.4370, 24.0850



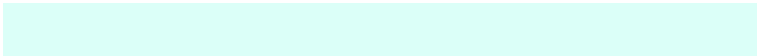
205.0860, 49.6080, 4.0400

Sweetspot

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



190.3250, -56.1600, -28.4800



243.4380, -19.2090, -9.8090



186.9140, -16.3590, -50.4630



120.8520, -11.5070, -6.2190



0.0000, 0.0000, 0.0000



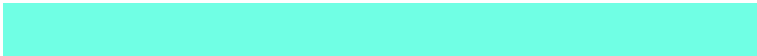
128.0000, -0.0000, -0.0000

Same Dimension

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



190.3250, -56.1600, -28.4800



209.1650, -76.5610, -38.7130



174.4080, -54.0550, -6.0470



108.4830, -5.9140, -2.9540



119.5000, -93.9820, -47.8860



32.6220, -25.7190, -12.9750

Inverse Universe

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



152.6750, 56.1600, 28.4800



157.9490, 76.2400, 39.0240



168.5920, 54.0550, 6.0470



104.5170, 5.9140, 2.9540



56.5000, 93.9820, 47.8860



15.3780, 25.7190, 12.9750

Previews

White Background



This preview shows how the YIQ color 190.3250, -56.1600, -28.4800 looks on a white background.

Color Contrast Check

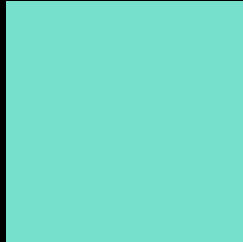
Large Text (above 18pt) WCAG AA × Fail

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 190.3250, -56.1600, -28.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

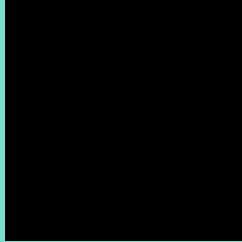
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

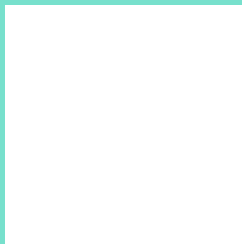
Any Text WCAG AAA ✓ Pass

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

YIQ 190.3250, -56.1600, -28.4800 Background



This preview shows how black text looks on a background with the YIQ color 190.3250, -56.1600, -28.4800.



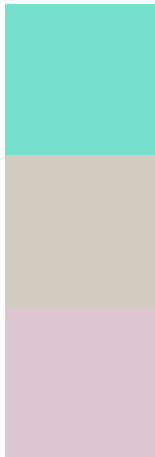
This preview shows how white text looks on a background with the YIQ color 190.3250, -56.1600, -28.4800.

-28.4800.

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**

190.3250, -56.1600, -28.4800

Protanopia

204.8390, 7.7030, -1.9370

Deuteranopia

206.4300, 10.7730, 8.5090



Tritanopia

194.1420, -59.4180, -13.4820

Trichromacy



Original Color

190.3250, -56.1600, -28.4800



Protanomaly

199.5370, -15.1740, -11.3500



Deuteranomaly

200.4220, -13.1120, -4.6640



Tritanomaly

192.7520, -58.5000, -19.1080

Monochromacy



Original Color

190.3250, -56.1600, -28.4800



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.8400, -20.4010, -10.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.3250, -56.1600, -28.4800 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(119, 224, 204)` looks like.

```
.text, #text, p{  
    color:rgb(119, 224, 204)  
}
```

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(119, 224, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 224, 204) }
```

Border

The CSS property to change the border of an element to YIQ 190.3250, -56.1600, -28.4800 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(119, 224, 204) }
```


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

```
.border{ border-color:rgb(119, 224, 204) }
```

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

Here you see how a box with a 4 pixel rgb(119, 224, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 224, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 224, 204);  
box-shadow:4px 4px 4px 4px rgb(119, 224,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 190.3250, -56.1600, -28.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 224, 204) }
```

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

```
.background{ background-color: rgb(119,  
224, 204) }
```

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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