

Converting Colors

YIQ(149.6350, -80.4600,
-28.6200)

Have a look what the booklet for
YIQ(149.6350, -80.4600, -28.6200)
contains.

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Color

**YIQ(149.6350, -80.4600,
-28.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	37BEBE
RGB	55, 190, 190
RGB Percent	22%, 75%, 75%
CMY	0.7846, 0.2547, 0.2552
CMYK	0.71, 0.00, 0.00, 0.25
HSL	180°, 55%, 48%
HSV	180°, 71%, 75%
XYZ	29.2822, 41.3756, 55.1115
YIQ	149.6350, -80.4600, -28.6200

Conversions

Conversions Part 2

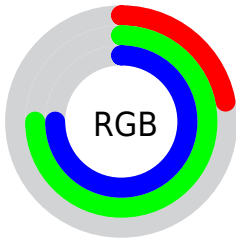
Format	Color
RYB	55, 123, 190
Decimal	3653310
CIELab	70.44, -34.88, -10.36
CIELCh	70, 36.388, 196.537
Yxy	41.3756, 0.2328, 0.3290
Android (android.graphics.Color)	4281843390 (0xFF37BEBE)
YUV	149.6350, 19.8999, -82.9949
Hunter-Lab	64.3238, -31.3081, -5.7719

Details

The YIQ color **149.6350, -80.4600, -28.6200** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **95.3650, 80.4600, 28.6200**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.5110, -74.1790, -26.8110**, and **95.4500, -81.3770, -28.5210** is the 20% darker color. If you saturate the color by 10%, you get **143.9540, -91.7840, -32.6480**, and if you desaturate by 10%, it is **155.3160, -69.1360, -24.5920**.

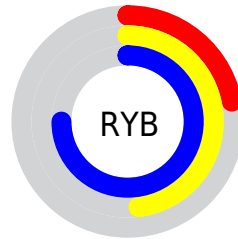
Distribution



Red (22%)

Green (75%)

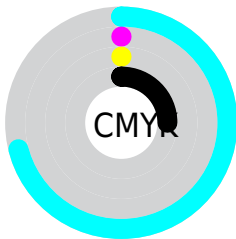
Blue (75%)



Red (22%)

Yellow (48%)

Blue (75%)

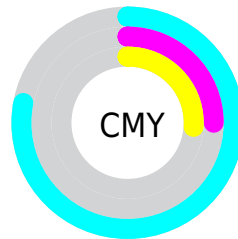


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.6350, -80.4600, -28.6200 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 149.6350, -80.4600, -28.6200 by changing the saturation by 10% instead.

■ 149.6350,
-80.4600, -28.6200

■ 149.6350,
-80.4600, -28.6200

■ 255.0000, -0.0000,
-0.0000

■ 114.2630,
-97.1480, -34.5560

■ 209.5110,
-74.1790, -26.8110

■ 95.4500, -81.3770,
-28.5210

■ 224.5020,
-60.7920, -21.6240

■ 77.2240, -65.8810,
-23.0090

■ 233.4720,
-42.9120, -15.2640

■ 59.8130, -51.3020,
-17.3980

■ 242.4420,
-25.0320, -8.9040

■ 43.1030, -37.3190,
-11.9990

■ 251.4120, -7.1520,
-2.5440

■ 28.2680, -24.4820,
-7.8580

■ 4.8560, -8.1620,

4.7500

■ 0.0000, 0.0000,
0.0000

■ 149.6350,
-80.4600, -28.6200

■ 149.6350,
-80.4600, -28.6200

■ 143.9540,
-91.7840, -32.6480

■ 155.3160,
-69.1360, -24.5920

■ 138.2730,
-103.1080, -36.6760

■ 160.9970,
-57.8120, -20.5640

■ 133.1900,
-113.2400, -40.2800

■ 166.6780,
-46.4880, -16.5360

■ 172.3590,
-35.1640, -12.5080

■ 178.0400,
-23.8400, -8.4800

■ 183.7210,
-12.5160, -4.4520

■ 189.4020, -1.1920,
-0.4240

■ 195.0830, 10.1320,
3.6040

■ 200.7640, 21.4560,
7.6320

Harmonies

Analogous

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



157.7300, -44.2390, -29.7670



149.6350, -80.4600, -28.6200



149.6850, -91.9240, -19.0920

Triad

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



149.6350, -80.4600, -28.6200



176.5120, 5.4510, 27.8750



171.3590, 43.9250, -8.6110

Complementary

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



149.6350, -80.4600, -28.6200



95.3650, 80.4600, 28.6200

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.



173.5320, 54.2840, 7.4040



149.6350, -80.4600, -28.6200



176.2950, 33.9230, 29.4990

Square

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



149.6350, -80.4600, -28.6200



172.3380, -29.5300, 17.5580



174.8220, 51.0720, 21.5680



168.2480, 21.8280, -21.1480

Rectangle

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



149.6350, -80.4600, -28.6200



158.3870, -75.9250, -6.1730



174.8220, 51.0720, 21.5680



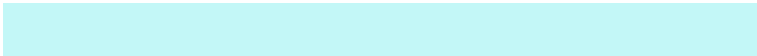
171.8590, 48.5090, -3.5790

Sweetspot

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



149.6350, -80.4600, -28.6200



231.4520, -30.9920, -11.0240



134.8430, -35.9330, -70.1810



115.7310, -18.4760, -6.5720



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.6350, -80.4600, -28.6200



184.2100, -125.1600, -44.5200



111.4800, -62.5850, 5.3750



91.3090, -5.3640, -1.9080



110.7580, -94.1680, -33.4960



21.7310, -18.4760, -6.5720

Inverse Universe

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



95.3650, 80.4600, 28.6200



99.7900, 125.1600, 44.5200



133.5200, 62.5850, -5.3750



87.6910, 5.3640, 1.9080



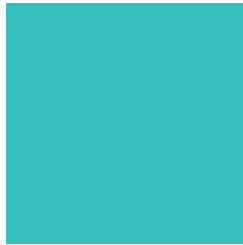
47.2420, 94.1680, 33.4960



9.2690, 18.4760, 6.5720

Previews

White Background



This preview shows how the YIQ color 149.6350, -80.4600, -28.6200 looks on a white background.

Color Contrast Check

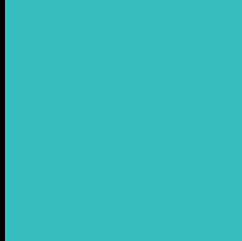
Large Text (above 18pt) WCAG AA × Fail

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 149.6350, -80.4600, -28.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

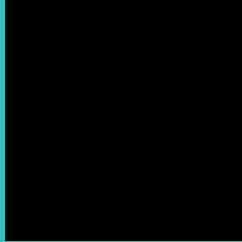
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

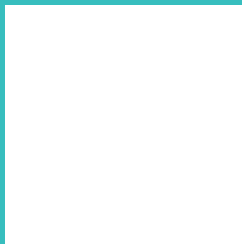
Any Text WCAG AAA ✓ Pass

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

YIQ 149.6350, -80.4600, -28.6200 Background



This preview shows how black text looks on a background with the YIQ color 149.6350, -80.4600, -28.6200.

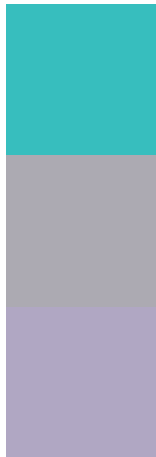


This preview shows how white text looks on a background with the YIQ color 149.6350, -80.4600, -28.6200.

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

149.6350, -80.4600, -28.6200

Protanopia

171.5100, -1.3760, 2.9120

Deuteranopia

172.8830, -3.6240, 10.6160



Tritanopia

152.3350, -79.3150, -21.8350

Trichromacy



Original Color

149.6350, -80.4600, -28.6200

Protanomaly

163.2180, -30.2130, -8.6210

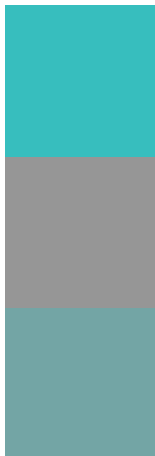
Deuteranomaly

164.1950, -31.4060, -3.5180

Tritanomaly

151.4550, -79.7730, -24.5490

Monochromacy



Original Color

149.6350, -80.4600, -28.6200

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0500, -29.8000, -10.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.6350, -80.4600, -28.6200 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(55, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(55, 190, 190)  
}
```

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(55, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 190, 190) }
```

Border

The CSS property to change the border of an element to YIQ 149.6350, -80.4600, -28.6200 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(55, 190, 190) }
```


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

```
.border{ border-color:rgb(55, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(55, 190,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 149.6350, -80.4600, -28.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 190, 190) }
```

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

```
.background{ background-color: rgb(55, 190,  
190) }
```

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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