

Converting Colors

YIQ(165.6140, -40.4360,
-16.0840)

Have a look what the booklet for
YIQ(165.6140, -40.4360, -16.0840)
contains.

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Color

**YIQ(165.6140, -40.4360,
-16.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	75BBB7
RGB	117, 187, 183
RGB Percent	46%, 73%, 72%
CMY	0.5413, 0.2665, 0.2825
CMYK	0.37, 0.00, 0.02, 0.27
HSL	177°, 34%, 60%
HSV	177°, 37%, 73%
XYZ	33.6500, 42.7493, 51.2557
YIQ	165.6140, -40.4360, -16.0840

Conversions

Conversions Part 2

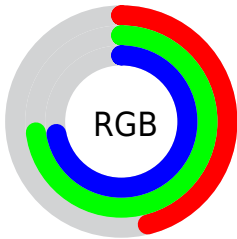
Format	Color
RYB	117, 153, 187
Decimal	7715767
CIELab	71.38, -22.94, -4.92
CIELCh	71, 23.465, 192.100
Yxy	42.7493, 0.2636, 0.3349
Android (android.graphics.Color)	4285905847 (0xFF75BBB7)
YUV	165.6140, 8.5713, -42.6345
Hunter-Lab	65.3829, -22.5534, -0.7112

Details

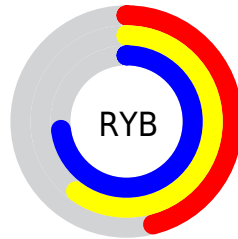
The YIQ color **165.6140, -40.4360, -16.0840** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **138.3860, 40.4360, 16.0840**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3150, -41.0320, -16.2960**, and **112.3150, -41.0320, -16.2960** is the 20% darker color. If you saturate the color by 10%, you get **159.8190, -51.4390, -20.4230**, and if you desaturate by 10%, it is **171.4090, -29.4330, -11.7450**.

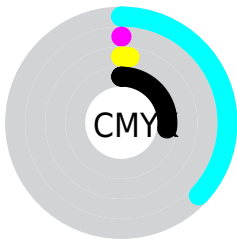
Distribution



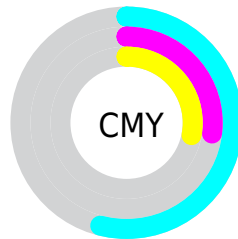
- Red (46%)
- Green (73%)
- Blue (72%)



- Red (46%)
- Yellow (60%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.6140, -40.4360, -16.0840 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 165.6140, -40.4360, -16.0840 by changing the saturation by 10% instead.

■ 165.6140,
-40.4360, -16.0840

■ 165.6140,
-40.4360, -16.0840

■ 255.0000, -0.0000,
-0.0000

■ 138.6140,
-40.4360, -16.0840

■ 221.3150,
-41.0320, -16.2960

■ 112.3150,
-41.0320, -16.2960

■ 238.5550,
-32.7800, -11.6600

■ 85.5320, -43.1410,
-16.6210

■ 247.2260,
-15.4960, -5.5120

■ 58.5420, -49.1010,
-18.7410

■ 41.8320, -35.1180,
-13.3420

■ 26.4100, -22.0060,
-8.6780

■ 7.6940, -7.8860,

-0.2540

■ 0.0000, 0.0000,
0.0000

■ 165.6140,
-40.4360, -16.0840

■ 165.6140,
-40.4360, -16.0840

■ 159.8190,
-51.4390, -20.4230

■ 171.4090,
-29.4330, -11.7450

■ 154.3230,
-61.8460, -24.5500

■ 176.9050,
-19.0260, -7.6180

■ 148.5280,
-72.8490, -28.8890

■ 182.7000, -8.0230,
-3.2790

■ 142.7330,
-83.8520, -33.2280

■ 188.4950, 2.9800,
1.0600

■ 136.9380,
-94.8550, -37.5670

■ 193.9910, 13.3870,
5.1870

■ 131.3280,
-104.9410, -42.0050

■ 199.7860, 24.3900,
9.5260

■ 129.8330,
-107.9210, -43.0650

■ 205.6950, 35.0720,
14.1760

■ 207.9020, 38.9230,
15.9710

■ 208.0160, 38.6020,
16.2820

Harmonies

Analogous

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



167.6020, -22.9670, -18.7990



165.6140, -40.4360, -16.0840



166.1220, -47.4980, -9.2420

Triad

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



165.6140, -40.4360, -16.0840



177.5510, 0.5470, 17.6270



174.9910, 30.5820, -3.5780

Complementary

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



165.6140, -40.4360, -16.0840



138.3860, 40.4360, 16.0840

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.



177.0230, 36.7240, 6.2600



165.6140, -40.4360, -16.0840



178.4300, 19.9410, 18.5730

Square

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



165.6140, -40.4360, -16.0840



174.9010, -21.2300, 10.3060



178.4390, 32.9170, 14.6850



172.8920, 17.3790, -12.1010

Rectangle

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



165.6140, -40.4360, -16.0840



168.3770, -43.6020, -2.7540



178.4390, 32.9170, 14.6850



175.9530, 33.7450, -0.3270

Sweetspot

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



165.6140, -40.4360, -16.0840



234.1120, -15.1750, -5.8230



159.5850, -16.2700, -35.5500



117.1020, -9.2150, -3.7030



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



165.6140, -40.4360, -16.0840



208.7250, -63.0380, -24.9740



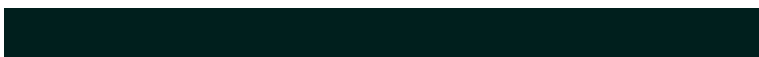
148.4600, -33.4700, 0.8500



91.3090, -5.3640, -1.9080



109.7320, -91.2790, -36.2950



21.5030, -17.8340, -7.1940

Inverse Universe

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



138.3860, 40.4360, 16.0840



166.3890, 62.7170, 25.2850



155.5400, 33.4700, -0.8500



87.6910, 5.3640, 1.9080



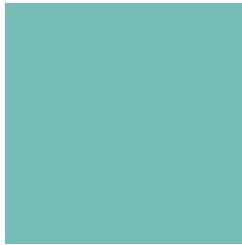
48.2680, 91.2790, 36.2950



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 165.6140, -40.4360, -16.0840 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 165.6140, -40.4360, -16.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

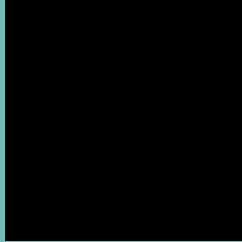
Any Text WCAG AA ✓ Pass

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 165.6140, -40.4360, -16.0840 Background



This preview shows how black text looks on a background with the YIQ color 165.6140, -40.4360, -16.0840.



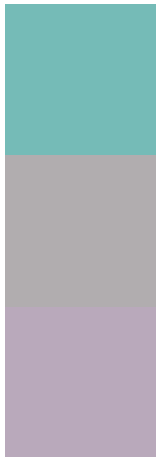
This preview shows how white text looks on a background with the YIQ color 165.6140, -40.4360, -16.0840.

-16.0840.

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

165.6140, -40.4360, -16.0840

Protanopia

174.4240, 1.7420, 1.4700

Deuteranopia

175.8360, 3.7580, 8.9900



Tritanopia

167.4600, -42.6380, -9.2140

Trichromacy



Original Color

165.6140, -40.4360, -16.0840

Protanomaly

171.1230, -13.7080, -4.8760

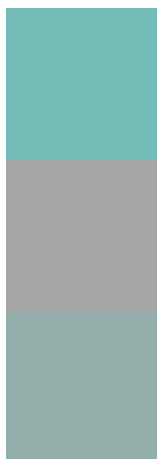
Deuteranomaly

172.3560, -12.7460, -0.2820

Tritanomaly

167.0640, -41.5830, -11.8150

Monochromacy



Original Color

165.6140, -40.4360, -16.0840

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9980, -14.8540, -6.1340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.6140, -40.4360, -16.0840 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(117, 187, 183)` looks like.

```
.text, #text, p{  
    color:rgb(117, 187, 183)  
}
```

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(117, 187, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 187, 183) }
```

Border

The CSS property to change the border of an element to YIQ 165.6140, -40.4360, -16.0840 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

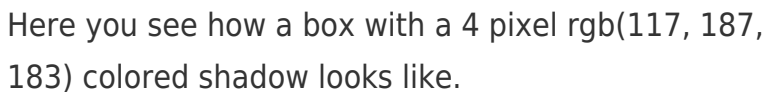
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 187, 183) }
```


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

```
.border{ border-color:rgb(117, 187, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 187, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 187, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 187, 183); box-shadow:4px 4px 4px 4px rgb(117, 187, 183) }
```

Background

The CSS property to change the background color of an element to YIQ 165.6140, -40.4360, -16.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 187, 183) }
```

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

```
.background{ background-color: rgb(117,  
187, 183) }
```

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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