

Converting Colors

YIQ(165.1390, -46.1680,
-11.3200)

Have a look what the booklet for
YIQ(165.1390, -46.1680, -11.3200)
contains.

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Color

**YIQ(165.1390, -46.1680,
-11.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	72B9C5
RGB	114, 185, 197
RGB Percent	45%, 73%, 77%
CMY	0.5531, 0.2744, 0.2276
CMYK	0.42, 0.06, 0.00, 0.23
HSL	189°, 42%, 61%
HSV	189°, 42%, 77%
XYZ	34.3617, 42.3140, 59.1502
YIQ	165.1390, -46.1680, -11.3200

Conversions

Conversions Part 2

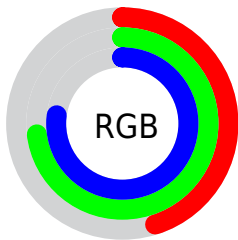
Format	Color
RYB	114, 152, 197
Decimal	7518661
CIELab	71.09, -19.18, -13.04
CIElCh	71, 23.197, 214.207
Yxy	42.3140, 0.2530, 0.3115
Android (android.graphics.Color)	4285708741 (0xFF72B9C5)
YUV	165.1390, 15.7075, -44.8489
Hunter-Lab	65.0492, -19.5451, -8.3788

Details

The YIQ color **165.1390, -46.1680, -11.3200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **145.8610, 46.1680, 11.3200**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.2530, -46.4890, -11.0090**, and **111.1280, -47.6350, -12.2670** is the 20% darker color. If you saturate the color by 10%, you get **157.3980, -57.2630, -13.9910**, and if you desaturate by 10%, it is **172.8800, -35.0730, -8.6490**.

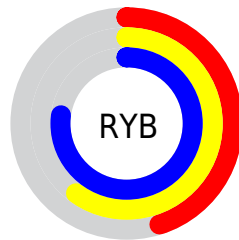
Distribution



Red (45%)

Green (73%)

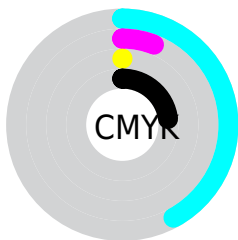
Blue (77%)



Red (45%)

Yellow (60%)

Blue (77%)

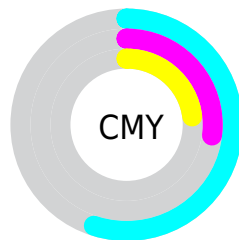


Cyan (42%)

Magenta (6%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.1390, -46.1680, -11.3200 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 165.1390, -46.1680, -11.3200 by changing the saturation by 10% instead.

■ 165.1390,
-46.1680, -11.3200

■ 165.1390,
-46.1680, -11.3200

■ 255.0000, -0.0000,
-0.0000

■ 137.8400,
-46.7640, -11.5320

■ 221.2530,
-46.4890, -11.0090

■ 111.1280,
-47.6350, -12.2670

■ 237.9570,
-33.9720, -12.0840

■ 83.4480, -51.5320,
-13.2280

■ 246.6280,
-16.6880, -5.9360

■ 58.7360, -52.4030,
-13.9630

■ 42.4990, -38.3740,
-9.3980

■ 27.0770, -25.2620,
-4.7340

■ 8.3610, -11.1420,

3.6900

0.0000, 0.0000,
0.0000

165.1390,
-46.1680, -11.3200

165.1390,
-46.1680, -11.3200

157.3980,
-57.2630, -13.9910

172.8800,
-35.0730, -8.6490

149.9560,
-67.7620, -16.4500

180.3220,
-24.5740, -6.1900

142.8020,
-79.1320, -19.6440

188.0630,
-13.4790, -3.5190

135.0610,
-90.2270, -22.3150

195.2170, -2.1090,
-0.3250

127.3200,
-101.3220, -24.9860

202.6590, 8.3900,
2.1340

■ 121.6610,
-109.7120, -27.1200

■ 210.4000, 19.4850,
4.8050

■ 218.1410, 30.5800,
7.4760

■ 220.7990, 31.5430,
6.5430

■ 221.9730, 30.9930,
5.4970

Harmonies

Analogous

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



165.1260, -36.1260, -17.1020



165.1390, -46.1680, -11.3200



168.2740, -41.8140, -2.1180

Triad

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



165.1390, -46.1680, -11.3200



177.5050, 15.3560, 19.0680



173.0990, 21.2300, -10.3060

Complementary

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



165.1390, -46.1680, -11.3200



145.8610, 46.1680, 11.3200

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.



175.2410, 32.8740, -1.0620



165.1390, -46.1680, -11.3200



177.5250, 29.7990, 16.1270

Square

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



165.1390, -46.1680, -11.3200



176.5610, -5.4130, 15.5070



176.3050, 35.9900, 8.5500



170.5420, 3.6250, -16.1430

Rectangle

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



165.1390, -46.1680, -11.3200



171.2800, -32.7830, 4.9210



176.3050, 35.9900, 8.5500



173.4310, 26.2270, -7.2530

Sweetspot

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



165.1390, -46.1680, -11.3200



242.1980, -18.2930, -4.3810



163.9750, -26.3560, -39.9880



119.9600, -11.6910, -2.8830



0.0000, 0.0000, 0.0000



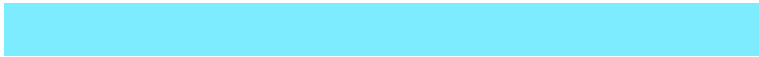
128.0000, -0.0000, -0.0000

Same Dimension

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



165.1390, -46.1680, -11.3200



204.9770, -72.2550, -17.6230



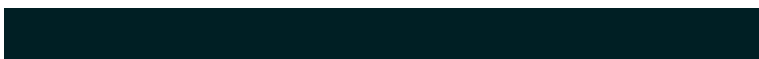
141.0720, -34.8930, 10.1230



95.7220, -5.0890, -1.3850



100.7620, -90.8230, -22.5270



22.3010, -20.0810, -5.0170

Inverse Universe

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



146.9110, 26.6770, 39.6770



176.5240, 41.8490, 62.0810



169.9280, 34.8930, -10.1230



93.6030, 2.7960, 4.3960



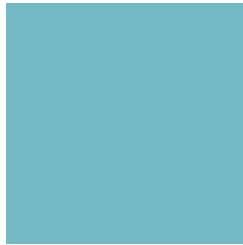
64.6970, 52.2080, 78.0960



14.2980, 11.5050, 17.2730

Previews

White Background



This preview shows how the YIQ color 165.1390, -46.1680, -11.3200 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 165.1390, -46.1680, -11.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

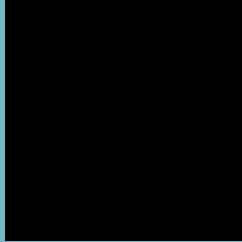
Any Text WCAG AA ✓ Pass

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 165.1390, -46.1680, -11.3200 Background



This preview shows how black text looks on a background with the YIQ color 165.1390, -46.1680, -11.3200.



This preview shows how white text looks on a background with the YIQ color 165.1390, -46.1680, -11.3200.

-11.3200.

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

165.1390, -46.1680, -11.3200

Protanopia

173.9380, -5.4570, 5.2870

Deuteranopia

174.9260, -5.1830, 11.3370



Tritanopia

165.6660, -46.2140, -10.4860

Trichromacy



Original Color

165.1390, -46.1680, -11.3200

Protanomaly

170.9360, -20.3110, -0.8470

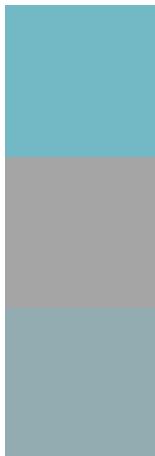
Deuteranomaly

171.4570, -20.2200, 3.0120

Tritanomaly

165.5520, -45.8930, -10.7970

Monochromacy



Original Color

165.1390, -46.1680, -11.3200

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.7960, -17.1010, -3.9570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.1390, -46.1680, -11.3200 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(114, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(114, 185, 197)  
}
```

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(114, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 185, 197) }
```

Border

The CSS property to change the border of an element to YIQ 165.1390, -46.1680, -11.3200 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(114, 185, 197) }
```


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

```
.border{ border-color:rgb(114, 185, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 185, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(114, 185,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 165.1390, -46.1680, -11.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 185, 197) }
```

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

```
.background{ background-color: rgb(114,  
185, 197) }
```

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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