

Converting Colors

YIQ(176.0740, -47.5430,
-13.9350)

Have a look what the booklet for
YIQ(176.0740, -47.5430, -13.9350)
contains.

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Color

**YIQ(176.0740, -47.5430,
-13.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	7AC6CD
RGB	122, 198, 205
RGB Percent	48%, 78%, 80%
CMY	0.5217, 0.2234, 0.1963
CMYK	0.40, 0.03, 0.00, 0.20
HSL	185°, 45%, 64%
HSV	185°, 40%, 80%
XYZ	39.2345, 48.9425, 65.1052
YIQ	176.0740, -47.5430, -13.9350

Conversions

Conversions Part 2

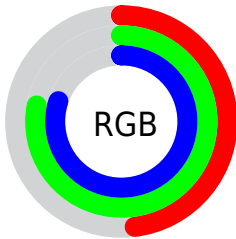
Format	Color
R _{YB}	122, 162, 205
Decimal	8046285
CIE Lab	75.42, -21.74, -10.88
CIE LCh	75, 24.314, 206.583
Yxy	48.9425, 0.2560, 0.3193
Android (android.graphics.Color)	4286236365 (0xFF7AC6CD)
YUV	176.0740, 14.2605, -47.4229
Hunter-Lab	69.9589, -22.3212, -6.2053

Details

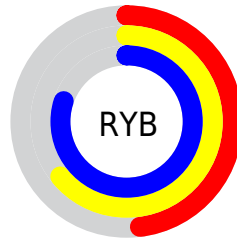
The YIQ color **176.0740, -47.5430, -13.9350** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **150.9260, 47.5430, 13.9350**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.9770, -45.8920, -16.3240**, and **121.4760, -48.7350, -14.3590** is the 20% darker color. If you saturate the color by 10%, you get **168.6210, -59.5090, -17.3410**, and if you desaturate by 10%, it is **183.2280, -36.1730, -10.7410**.

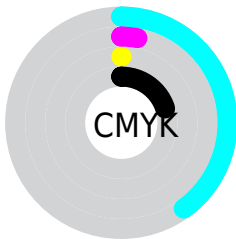
Distribution



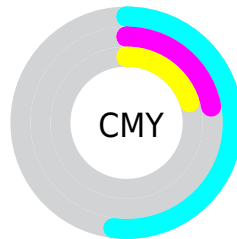
- Red (48%)
- Green (78%)
- Blue (80%)



- Red (48%)
- Yellow (64%)
- Blue (80%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.0740, -47.5430, -13.9350 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 176.0740, -47.5430, -13.9350 by changing the saturation by 10% instead.

■ 176.0740,
-47.5430, -13.9350

■ 176.0740,
-47.5430, -13.9350

■ 255.0000, -0.0000,
-0.0000

■ 148.6610,
-47.8180, -14.4580

■ 231.9770,
-45.8920, -16.3240

■ 121.4760,
-48.7350, -14.3590

■ 240.6480,
-28.6080, -10.1760

■ 94.2800, -51.1190,
-15.2070

■ 249.3190,
-11.3240, -4.0280

■ 65.9910, -57.6750,
-17.5390

■ 49.1670, -43.3710,
-12.4510

■ 33.6310, -29.9380,
-8.0980

■ 20.0840, -17.9720,

-4.6920

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 176.0740,
-47.5430, -13.9350

■ 176.0740,
-47.5430, -13.9350

■ 168.6210,
-59.5090, -17.3410

■ 183.2280,
-36.1730, -10.7410

■ 162.0540,
-71.1540, -21.0580

■ 190.0940,
-23.9320, -6.8120

■ 154.6010,
-83.1200, -24.4640

■ 197.2480,
-12.5620, -3.6180

■ 147.4470,
-94.4900, -27.6580

■ 204.7010, -0.5960,
-0.2120

■ 139.9940,
-106.4560, -31.0640

■ 211.8550, 10.7740,
2.9820

■ 133.7260,
-117.5050, -34.5690

■ 218.7210, 23.0150,
6.9110

■ 222.8850, 28.4250,
7.9850

■ 224.0590, 27.8750,
6.9390

■ 224.6460, 27.6000,
6.4160

Harmonies

Analogous

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



176.7410, -33.6040, -18.7560



176.0740, -47.5430, -13.9350



178.6430, -47.4070, -5.3830

Triad

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



176.0740, -47.5430, -13.9350



189.5800, 10.7710, 19.5630



184.7900, 26.5940, -8.3980

Complementary

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



176.0740, -47.5430, -13.9350



150.9260, 47.5430, 13.9350

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.



186.9750, 36.6790, 1.5670



176.0740, -47.5430, -13.9350



189.5080, 28.4690, 18.2050

Square

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



176.0740, -47.5430, -13.9350



187.6250, -11.4650, 15.0550



188.7830, 37.6400, 11.6880



182.1790, 9.0810, -15.9030

Rectangle

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



176.0740, -47.5430, -13.9350



181.8770, -39.0180, 2.2780



188.7830, 37.6400, 11.6880



185.9370, 30.6740, -5.2460

Sweetspot

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



176.0740, -47.5430, -13.9350



243.9700, -17.6510, -5.0030



171.5190, -25.0720, -41.2320



121.4440, -10.1780, -2.7700



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.



176.0740, -47.5430, -13.9350



211.7550, -71.7500, -21.2700



152.0070, -36.2680, 7.5080



98.4230, -5.6850, -1.5970



108.1480, -95.0860, -27.8700



24.8770, -21.8230, -6.4870

Inverse Universe

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



155.4810, 25.0720, 41.2320



180.4850, 37.5850, 62.2650



174.9930, 36.2680, -7.5080



96.0160, 3.0710, 4.9190



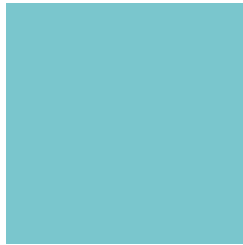
66.9620, 50.1440, 82.4640



15.3520, 11.4130, 18.9410

Previews

White Background



This preview shows how the YIQ color 176.0740, -47.5430, -13.9350 looks on a white background.

Color Contrast Check

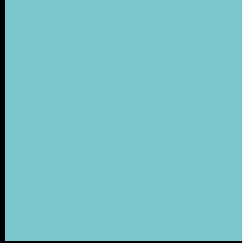
Large Text (above 18pt) WCAG AA × Fail

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 176.0740, -47.5430, -13.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

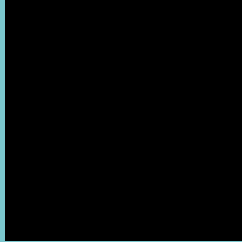
Any Text WCAG AA ✓ Pass

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 176.0740, -47.5430, -13.9350 Background



This preview shows how black text looks on a background with the YIQ color 176.0740, -47.5430, -13.9350.



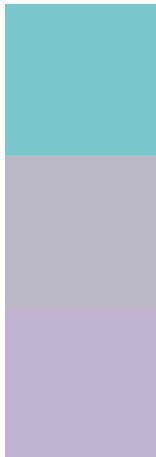
This preview shows how white text looks on a background with the YIQ color 176.0740, -47.5430, -13.9350.

-13.9350.

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

176.0740, -47.5430, -13.9350

Protanopia

185.6670, -3.2560, 3.9440

Deuteranopia

186.8940, -2.1570, 11.5630



Tritanopia

176.9970, -48.6440, -10.5000

Trichromacy



Original Color

176.0740, -47.5430, -13.9350

Protanomaly

182.0670, -19.3020, -2.6140

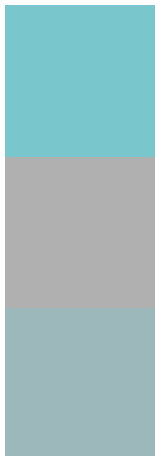
Deuteranomaly

183.4140, -18.6610, 2.2910

Tritanomaly

176.3560, -48.2770, -11.6450

Monochromacy



Original Color

176.0740, -47.5430, -13.9350

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.9700, -17.6510, -5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.0740, -47.5430, -13.9350 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(122, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(122, 198, 205)  
}
```

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(122, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 198, 205) }
```

Border

The CSS property to change the border of an element to YIQ 176.0740, -47.5430, -13.9350 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(122, 198, 205) }
```


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

```
.border{ border-color:rgb(122, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(122, 198,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 176.0740, -47.5430, -13.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 198, 205) }
```

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

```
.background{ background-color: rgb(122,  
198, 205) }
```

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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