

Converting Colors

YIQ(189.2110, -46.6710,
-18.7270)

Have a look what the booklet for
YIQ(189.2110, -46.6710, -18.7270)
contains.

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Color

**YIQ(189.2110, -46.6710,
-18.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	85D6D1
RGB	133, 214, 209
RGB Percent	52%, 84%, 82%
CMY	0.4786, 0.1606, 0.1806
CMYK	0.38, 0.00, 0.02, 0.16
HSL	176°, 50%, 68%
HSV	176°, 38%, 84%
XYZ	45.2231, 57.6940, 69.0441
YIQ	189.2110, -46.6710, -18.7270

Conversions

Conversions Part 2

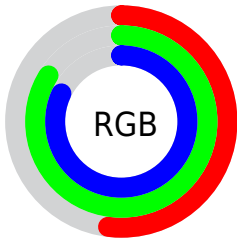
Format	Color
RYB	133, 175, 214
Decimal	8771281
CIELab	80.57, -25.90, -5.33
CIElCh	81, 26.444, 191.622
Yxy	57.6940, 0.2630, 0.3355
Android (android.graphics.Color)	4286961361 (0xFF85D6D1)
YUV	189.2110, 9.7560, -49.2970
Hunter-Lab	75.9566, -26.6486, -0.7247

Details

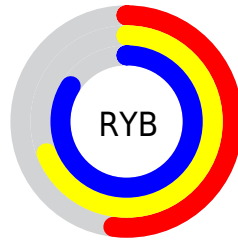
The YIQ color **189.2110, -46.6710, -18.7270** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **157.7890, 46.6710, 18.7270**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.2660, -39.3360, -13.9920**, and **134.3250, -46.9920, -18.4160** is the 20% darker color. If you saturate the color by 10%, you get **182.8180, -58.8660, -23.4900**, and if you desaturate by 10%, it is **195.6040, -34.4760, -13.9640**.

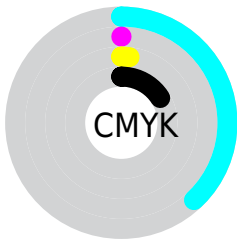
Distribution



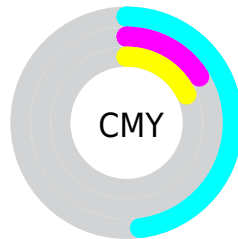
- Red (52%)
- Green (84%)
- Blue (82%)



- Red (52%)
- Yellow (69%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (48%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.2110, -46.6710, -18.7270 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 189.2110, -46.6710, -18.7270 by changing the saturation by 10% instead.

■ 189.2110,
-46.6710, -18.7270

■ 189.2110,
-46.6710, -18.7270

■ 255.0000, -0.0000,
-0.0000

■ 161.2110,
-46.6710, -18.7270

■ 235.2660,
-39.3360, -13.9920

■ 134.3250,
-46.9920, -18.4160

■ 243.9370,
-22.0520, -7.8440

■ 107.4280,
-48.7800, -19.0520

■ 252.9070, -4.1720,
-1.4840

■ 77.6550, -56.8490,
-21.4970

■ 57.8410, -48.5050,
-18.5290

■ 41.1310, -34.5220,
-13.1300

■ 25.7090, -21.4100,

-8.4660

■ 3.9440, -5.5940,
2.2620

■ 0.0000, 0.0000,
0.0000

■ 189.2110,
-46.6710, -18.7270

■ 189.2110,
-46.6710, -18.7270

■ 182.8180,
-58.8660, -23.4900

■ 195.6040,
-34.4760, -13.9640

■ 176.0120,
-71.3360, -28.7760

■ 202.4100,
-22.0060, -8.6780

■ 169.6190,
-83.5310, -33.5390

■ 208.8030, -9.8110,
-3.9150

■ 162.9270,
-96.3220, -38.5140

■ 215.4950, 2.9800,
1.0600

■ 156.4200,
-108.1960, -43.5880

■ 222.0020, 14.8540,
6.1340

■ 150.0270,
-120.3910, -48.3510

■ 226.6010, 23.4730,
9.6250

■ 148.5320,
-123.3710, -49.4110

■ 226.7150, 23.1520,
9.9360

■ 226.9430, 22.5100,
10.5580

■ 227.0570, 22.1890,
10.8690

Harmonies

Analogous

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



191.7540, -26.4510, -21.7390



189.2110, -46.6710, -18.7270



190.0610, -54.6960, -10.9520

Triad

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



189.2110, -46.6710, -18.7270



203.1320, 0.4090, 20.1290



200.2150, 35.7630, -3.8610

Complementary

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



189.2110, -46.6710, -18.7270



157.7890, 46.6710, 18.7270

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.



202.1870, 42.1340, 7.3340



189.2110, -46.6710, -18.7270



204.3920, 23.1040, 21.8240

Square

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



189.2110, -46.6710, -18.7270



199.8020, -25.2650, 11.8470



203.3580, 37.6390, 17.2150



197.6920, 20.8180, -13.8540

Rectangle

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



189.2110, -46.6710, -18.7270



192.8430, -50.8460, -3.6300



203.3580, 37.6390, 17.2150



200.5900, 39.2010, -0.0870

Sweetspot

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



189.2110, -46.6710, -18.7270



246.4000, -16.0460, -6.5580



182.0420, -19.2950, -41.3030



122.6890, -9.4900, -4.2260



0.0000, 0.0000, 0.0000



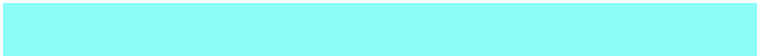
128.0000, -0.0000, -0.0000

Same Dimension

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



189.2110, -46.6710, -18.7270



219.8170, -66.2930, -26.5570



169.2360, -38.6510, 1.1330



103.5970, -6.2350, -2.6430



118.6170, -98.3850, -39.6730



29.9150, -24.9860, -9.7380

Inverse Universe

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



157.7890, 46.6710, 18.7270



175.1830, 66.2930, 26.5570



177.7640, 38.6510, -1.1330



99.4030, 6.2350, 2.6430



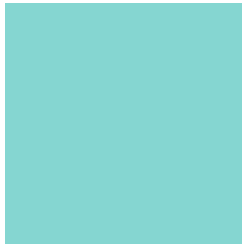
52.3830, 98.3850, 39.6730



13.1990, 24.6650, 10.0490

Previews

White Background



This preview shows how the YIQ color 189.2110, -46.6710, -18.7270 looks on a white background.

Color Contrast Check

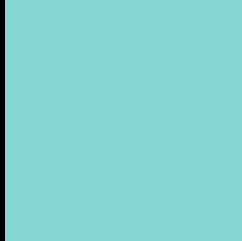
Large Text (above 18pt) WCAG AA × Fail

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 189.2110, -46.6710, -18.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

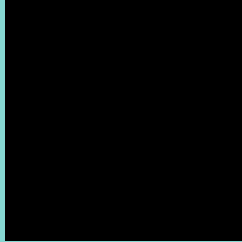
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

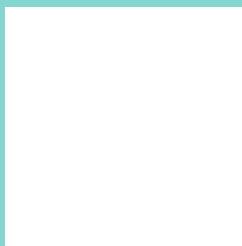
Any Text WCAG AAA ✓ Pass

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

YIQ 189.2110, -46.6710, -18.7270 Background



This preview shows how black text looks on a background with the YIQ color 189.2110, -46.6710, -18.7270.



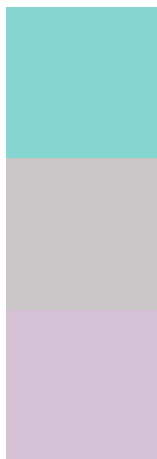
This preview shows how white text looks on a background with the YIQ color 189.2110, -46.6710, -18.7270.

-18.7270.

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

189.2110, -46.6710, -18.7270

Protanopia

199.4240, 1.7420, 1.4700

Deuteranopia

200.9610, 4.9040, 10.2480



Tritanopia

191.1110, -48.9650, -10.1890

Trichromacy



Original Color

189.2110, -46.6710, -18.7270

Protanomaly

195.8130, -15.7710, -6.0350

Deuteranomaly

196.8720, -14.2590, -0.3950

Tritanomaly

190.3020, -48.1850, -13.3130

Monochromacy



Original Color

189.2110, -46.6710, -18.7270

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1010, -16.6420, -6.7700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.2110, -46.6710, -18.7270 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(133, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(133, 214, 209)  
}
```

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(133, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 214, 209) }
```

Border

The CSS property to change the border of an element to YIQ 189.2110, -46.6710, -18.7270 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(133, 214, 209) }
```


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

```
.border{ border-color:rgb(133, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(133, 214,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 189.2110, -46.6710, -18.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 214, 209) }
```

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

```
.background{ background-color: rgb(133,  
214, 209) }
```

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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