

Converting Colors

YIQ(187.1510, -46.4420,
-17.3700)

Have a look what the booklet for
YIQ(187.1510, -46.4420, -17.3700)
contains.

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Color

**YIQ(187.1510, -46.4420,
-17.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	84D3D1
RGB	132, 211, 209
RGB Percent	52%, 83%, 82%
CMY	0.4825, 0.1724, 0.1806
CMYK	0.37, 0.00, 0.01, 0.17
HSL	178°, 47%, 67%
HSV	178°, 37%, 83%
XYZ	44.3135, 56.1078, 68.7857
YIQ	187.1510, -46.4420, -17.3700

Conversions

Conversions Part 2

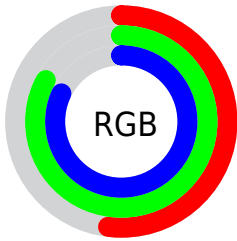
Format	Color
RYB	132, 172, 211
Decimal	8704977
CIELab	79.68, -24.69, -6.65
CIELCh	80, 25.567, 195.082
Yxy	56.1078, 0.2619, 0.3316
Android (android.graphics.Color)	4286895057 (0xFF84D3D1)
YUV	187.1510, 10.7716, -48.3674
Hunter-Lab	74.9052, -25.4842, -2.0126

Details

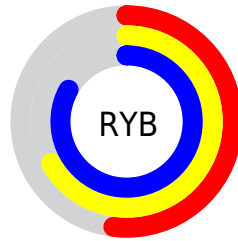
The YIQ color **187.1510, -46.4420, -17.3700** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **155.8490, 46.4420, 17.3700**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.9670, -39.9320, -14.2040**, and **132.2650, -46.7630, -17.0590** is the 20% darker color. If you saturate the color by 10%, you get **180.7580, -58.6370, -22.1330**, and if you desaturate by 10%, it is **193.5440, -34.2470, -12.6070**.

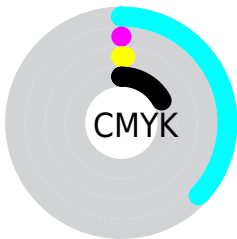
Distribution



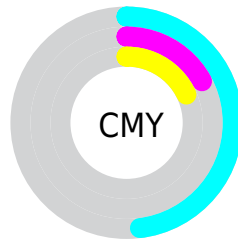
- Red (52%)
- Green (83%)
- Blue (82%)



- Red (52%)
- Yellow (67%)
- Blue (83%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (48%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1510, -46.4420, -17.3700 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 187.1510, -46.4420, -17.3700 by changing the saturation by 10% instead.

■ 187.1510,
-46.4420, -17.3700

■ 187.1510,
-46.4420, -17.3700

■ 255.0000, -0.0000,
-0.0000

■ 159.1510,
-46.4420, -17.3700

■ 234.9670,
-39.9320, -14.2040

■ 132.2650,
-46.7630, -17.0590

■ 243.6380,
-22.6480, -8.0560

■ 105.3680,
-48.5510, -17.6950

■ 252.3090, -5.3640,
-1.9080

■ 75.8830, -57.4910,
-20.8750

■ 56.0800, -47.6800,
-16.9600

■ 39.9570, -33.9720,
-12.0840

■ 24.5350, -20.8600,

-7.4200

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 187.1510,
-46.4420, -17.3700

■ 187.1510,
-46.4420, -17.3700

■ 180.7580,
-58.6370, -22.1330

■ 193.5440,
-34.2470, -12.6070

■ 174.4790,
-71.1530, -26.5850

■ 199.8230,
-21.7310, -8.1550

■ 168.0860,
-83.3480, -31.3480

■ 206.2160, -9.5360,
-3.3920

■ 161.8070,
-95.8640, -35.8000

■ 212.4950, 2.9800,
1.0600

■ 155.1150,
-108.6550, -40.7750

■ 218.8880, 15.1750,
5.8230

■ 148.8360,
-121.1710, -45.2270

■ 224.2700, 25.9030,
9.6390

■ 147.2270,
-123.8300, -46.5980

■ 224.3840, 25.5820,
9.9500

■ 224.4980, 25.2610,
10.2610

Harmonies

Analogous

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



189.0960, -27.4140, -20.8060



187.1510, -46.4420, -17.3700



188.3710, -52.6330, -9.7930

Triad

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



187.1510, -46.4420, -17.3700



200.6870, 3.1600, 19.8320



197.6060, 33.1040, -5.2320

Complementary

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



187.1510, -46.4420, -17.3700



155.8490, 46.4420, 17.3700

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.



199.7630, 40.3920, 5.8640



187.1510, -46.4420, -17.3700



201.9360, 24.3880, 20.5800

Square

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



187.1510, -46.4420, -17.3700



198.0690, -21.6430, 12.2850



201.0050, 37.1350, 15.3350



195.3110, 17.5170, -14.6030

Rectangle

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



187.1510, -46.4420, -17.3700



191.0500, -46.9950, -1.8350



201.0050, 37.1350, 15.3350



198.2800, 37.1380, -1.2460

Sweetspot

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



187.1510, -46.4420, -17.3700



246.5140, -16.3670, -6.2470



179.2700, -19.9370, -40.6810



122.8030, -9.8110, -3.9150



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.



187.1510, -46.4420, -17.3700



220.2730, -67.5770, -25.3130



165.6600, -36.9090, 2.6030



101.5970, -6.2350, -2.6430



117.3120, -98.8440, -36.8600



28.6270, -24.1150, -9.0030

Inverse Universe

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



155.8490, 46.4420, 17.3700



174.7270, 67.5770, 25.3130



177.3400, 36.9090, -2.6030



97.2890, 6.5560, 2.3320



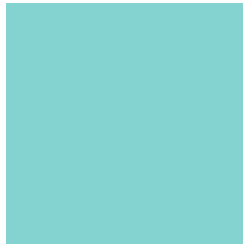
50.6880, 98.8440, 36.8600



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 187.1510, -46.4420, -17.3700 looks on a white background.

Color Contrast Check

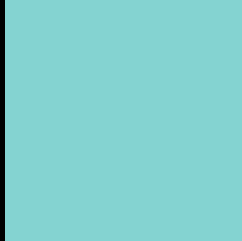
Large Text (above 18pt) WCAG AA × Fail

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 187.1510, -46.4420, -17.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

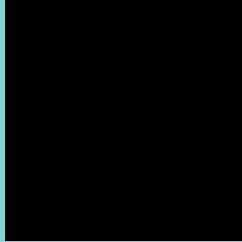
Any Text WCAG AA ✓ Pass

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 187.1510, -46.4420, -17.3700 Background



This preview shows how black text looks on a background with the YIQ color 187.1510, -46.4420, -17.3700.



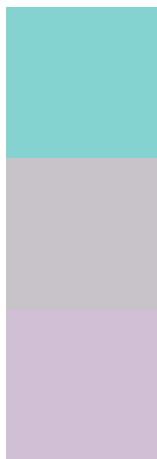
This preview shows how white text looks on a background with the YIQ color 187.1510, -46.4420, -17.3700.

-17.3700.

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

187.1510, -46.4420, -17.3700

Protanopia

196.7660, 0.7790, 2.4030

Deuteranopia

198.5910, 3.0700, 10.4460



Tritanopia

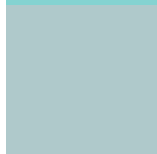
188.9970, -48.6440, -10.5000

Trichromacy



Original Color

187.1510, -46.4420, -17.3700



Protanomaly

193.4540, -16.1380, -4.8900



Deuteranomaly

194.2140, -15.2220, 0.5380



Tritanomaly

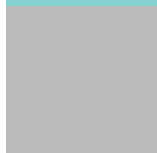
188.6010, -47.5890, -13.1010

Monochromacy



Original Color

187.1510, -46.4420, -17.3700



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.2150, -16.9630, -6.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1510, -46.4420, -17.3700 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(132, 211, 209)` looks like.

```
.text, #text, p{  
    color:rgb(132, 211, 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(132, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 211, 209) }
```

Border

The CSS property to change the border of an element to YIQ 187.1510, -46.4420, -17.3700 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(132, 211, 209) }
```


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

```
.border{ border-color:rgb(132, 211, 209) }
```

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

Here you see how a box with a 4 pixel rgb(132, 211, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(132, 211,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1510, -46.4420, -17.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 211, 209) }
```

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

```
.background{ background-color: rgb(132,  
211, 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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