

Converting Colors

YIQ(187.2190, -58.3170,
-16.9170)

Have a look what the booklet for
YIQ(187.2190, -58.3170, -16.9170)
contains.

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Color

**YIQ(187.2190, -58.3170,
-16.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	79D6DF
RGB	121, 214, 223
RGB Percent	47%, 84%, 87%
CMY	0.5257, 0.1606, 0.1257
CMYK	0.46, 0.04, 0.00, 0.13
HSL	185°, 61%, 67%
HSV	185°, 46%, 87%
XYZ	45.2450, 57.4983, 78.4827
YIQ	187.2190, -58.3170, -16.9170

Conversions

Conversions Part 2

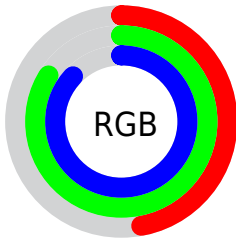
Format	Color
RYB	121, 170, 223
Decimal	7984863
CIELab	80.46, -25.37, -13.01
CIElCh	80, 28.511, 207.158
Yxy	57.4983, 0.2497, 0.3173
Android (android.graphics.Color)	4286174943 (0xFF79D6DF)
YUV	187.2190, 17.6400, -58.0741
Hunter-Lab	75.8277, -26.1907, -8.2866

Details

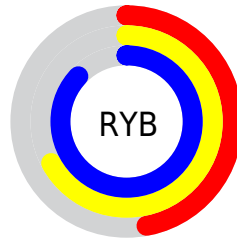
The YIQ color **187.2190, -58.3170, -16.9170** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **156.7810, 58.3170, 16.9170**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.2760, -45.2960, -16.1120**, and **130.7240, -61.2970, -17.9770** is the 20% darker color. If you saturate the color by 10%, you get **179.4670, -70.8790, -20.5350**, and if you desaturate by 10%, it is **194.9710, -45.7550, -13.2990**.

Distribution



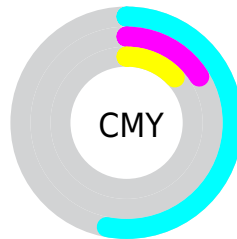
- Red (47%)
- Green (84%)
- Blue (87%)



- Red (47%)
- Yellow (67%)
- Blue (87%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.2190, -58.3170, -16.9170 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 187.2190, -58.3170, -16.9170 by changing the saturation by 10% instead.

■ 187.2190,
-58.3170, -16.9170

■ 187.2190,
-58.3170, -16.9170

■ 255.0000, -0.0000,
-0.0000

■ 158.9200,
-58.9130, -17.1290

■ 232.2760,
-45.2960, -16.1120

■ 130.7240,
-61.2970, -17.9770

■ 240.9470,
-28.0120, -9.9640

■ 101.0220,
-68.1280, -20.8320

■ 249.9170,
-10.1320, -3.6040

■ 76.0330, -66.6610,
-19.8850

■ 59.0950, -52.0360,
-15.1080

■ 42.3850, -38.0530,
-9.7090

■ 26.9630, -24.9410,

-5.0450

■ 5.3120, -9.4460,
5.9940

■ 0.0000, 0.0000,
0.0000

■ 187.2190,
-58.3170, -16.9170

■ 187.2190,
-58.3170, -16.9170

■ 179.4670,
-70.8790, -20.5350

■ 194.9710,
-45.7550, -13.2990

■ 171.4160,
-84.0370, -24.3650

■ 203.0220,
-32.5970, -9.4690

■ 163.6640,
-96.5990, -27.9830

■ 210.7740,
-20.0350, -5.8510

■ 155.9120,
-109.1610, -31.6010

■ 218.5260, -7.4730,
-2.2330

■ 147.8610,
-122.3190, -35.4310

■ 226.2780, 5.0890,
1.3850

■ 144.5830,
-127.4080, -36.8160

■ 234.3290, 18.2470,
5.2150

■ 235.5030, 17.6970,
4.1690

■ 236.6770, 17.1470,
3.1230

■ 237.8510, 16.5970,
2.0770

Harmonies

Analogous

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



188.3270, -41.3060, -22.3460



187.2190, -58.3170, -16.9170



190.5540, -57.4020, -5.9620

Triad

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



187.2190, -58.3170, -16.9170



204.0690, 13.8880, 23.6480



198.7750, 30.9500, -10.2500

Complementary

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



187.2190, -58.3170, -16.9170



156.7810, 58.3170, 16.9170

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.



200.7970, 43.0520, 1.7080



187.2190, -58.3170, -16.9170



204.1390, 34.0620, 21.4700

Square

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



187.2190, -58.3170, -16.9170



201.8360, -13.4370, 17.7550



202.9580, 44.5170, 13.7090



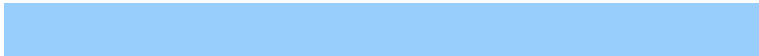
195.3700, 9.8610, -19.0270

Rectangle

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



187.2190, -58.3170, -16.9170



194.6850, -47.2250, 2.3350



202.9580, 44.5170, 13.7090



199.5200, 36.2220, -6.6740

Sweetspot

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



187.2190, -58.3170, -16.9170



242.4750, -20.6310, -6.0630



181.7860, -30.6180, -50.8580



120.2480, -12.5620, -3.6180



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.



187.2190, -58.3170, -16.9170



206.0960, -80.1400, -23.4040



157.2820, -44.2920, 9.7560



108.1240, -6.2810, -1.8090



114.5710, -100.7710, -29.4670



31.3000, -27.5080, -8.0840

Inverse Universe

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



162.1000, 30.9390, 50.5470



171.4520, 42.3520, 69.4880



186.1310, 44.5670, -9.2330



105.4290, 3.3460, 5.4420



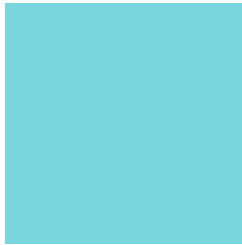
70.9780, 53.2150, 87.3830



19.3680, 14.4840, 23.8600

Previews

White Background



This preview shows how the YIQ color 187.2190, -58.3170, -16.9170 looks on a white background.

Color Contrast Check

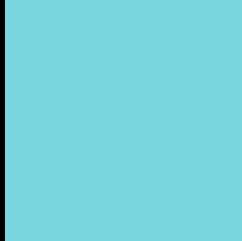
Large Text (above 18pt) WCAG AA × Fail

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 187.2190, -58.3170, -16.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

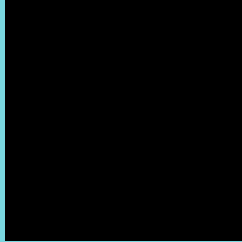
Any Text WCAG AA ✓ Pass

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 187.2190, -58.3170, -16.9170 Background



This preview shows how black text looks on a background with the YIQ color 187.2190, -58.3170, -16.9170.



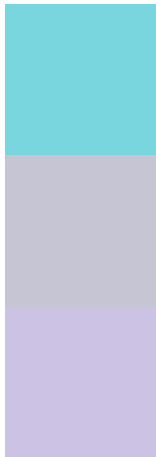
This preview shows how white text looks on a background with the YIQ color 187.2190, -58.3170, -16.9170.

-16.9170.

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

187.2190, -58.3170, -16.9170

Protanopia

199.0090, -4.2190, 4.8770

Deuteranopia

200.7520, -4.6330, 12.3830



Tritanopia

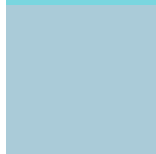
188.0280, -59.0970, -13.7930

Trichromacy



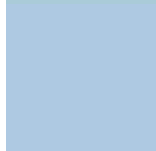
Original Color

187.2190, -58.3170, -16.9170



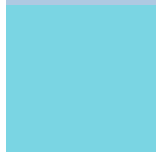
Protanomaly

194.6150, -23.8410, -2.9530



Deuteranomaly

195.7770, -24.1170, 2.0510



Tritanomaly

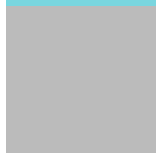
187.3870, -58.7300, -14.9380

Monochromacy



Original Color

187.2190, -58.3170, -16.9170



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.1760, -21.2270, -6.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.2190, -58.3170, -16.9170 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(121, 214, 223)` looks like.

```
.text, #text, p{  
    color:rgb(121, 214, 223)  
}
```

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(121, 214, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 214, 223) }
```

Border

The CSS property to change the border of an element to YIQ 187.2190, -58.3170, -16.9170 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(121, 214, 223) }
```


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

```
.border{ border-color:rgb(121, 214, 223) }
```

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

Here you see how a box with a 4 pixel rgb(121, 214, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 214, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 214, 223);  
box-shadow:4px 4px 4px 4px rgb(121, 214,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 187.2190, -58.3170, -16.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 214, 223) }
```

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

```
.background{ background-color: rgb(121,  
214, 223) }
```

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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