

Converting Colors

YIQ(188.3580, -42.5910,
-15.5750)

Have a look what the booklet for
YIQ(188.3580, -42.5910, -15.5750)
contains.

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Color

**YIQ(188.3580, -42.5910,
-15.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD2D1
RGB	138, 210, 209
RGB Percent	54%, 82%, 82%
CMY	0.4590, 0.1763, 0.1806
CMYK	0.34, 0.00, 0.01, 0.18
HSL	179°, 44%, 68%
HSV	179°, 34%, 82%
XYZ	45.0314, 56.1090, 68.7505
YIQ	188.3580, -42.5910, -15.5750

Conversions

Conversions Part 2

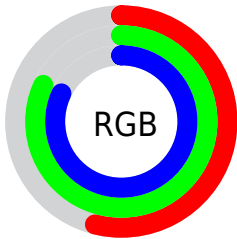
Format	Color
RYB	138, 174, 210
Decimal	9097937
CIELab	79.68, -22.61, -6.62
CIELCh	80, 23.557, 196.327
Yxy	56.1090, 0.2651, 0.3303
Android (android.graphics.Color)	4287288017 (0xFF8AD2D1)
YUV	188.3580, 10.1765, -44.1640
Hunter-Lab	74.9059, -23.7762, -1.9836

Details

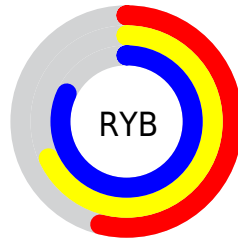
The YIQ color **188.3580, -42.5910, -15.5750** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **159.6420, 42.5910, 15.5750**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, -36.3560, -12.9320**, and **133.7710, -42.3160, -15.0520** is the 20% darker color. If you saturate the color by 10%, you get **182.0790, -55.1070, -20.0270**, and if you desaturate by 10%, it is **194.6370, -30.0750, -11.1230**.

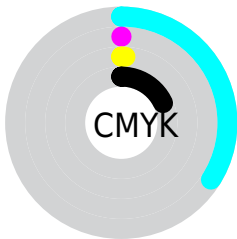
Distribution



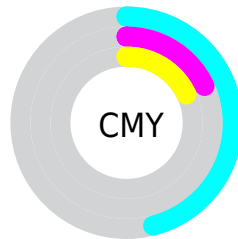
- Red (54%)
- Green (82%)
- Blue (82%)



- Red (54%)
- Yellow (68%)
- Blue (82%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (46%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.3580, -42.5910, -15.5750 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 188.3580, -42.5910, -15.5750 by changing the saturation by 10% instead.

■ 188.3580,
-42.5910, -15.5750

■ 188.3580,
-42.5910, -15.5750

■ 255.0000, -0.0000,
-0.0000

■ 160.6570,
-41.9950, -15.3630

■ 236.7610,
-36.3560, -12.9320

■ 133.7710,
-42.3160, -15.0520

■ 245.4320,
-19.0720, -6.7840

■ 107.1730,
-43.5080, -15.4760

■ 254.1030, -1.7880,
-0.6360

■ 80.3790, -47.0840,
-16.7480

■ 55.4930, -47.4050,
-16.4370

■ 39.3700, -33.6970,
-11.5610

■ 24.5350, -20.8600,

-7.4200

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 188.3580,
-42.5910, -15.5750

■ 188.3580,
-42.5910, -15.5750

■ 182.0790,
-55.1070, -20.0270

■ 194.6370,
-30.0750, -11.1230

■ 175.6860,
-67.3020, -24.7900

■ 201.0300,
-17.8800, -6.3600

■ 169.4070,
-79.8180, -29.2420

■ 207.3090, -5.3640,
-1.9080

■ 163.1280,
-92.3340, -33.6940

■ 213.5880, 7.1520,
2.5440

■ 156.7350,
-104.5290, -38.4570

■ 219.9810, 19.3470,
7.3070

■ 150.4560,
-117.0450, -42.9090

■ 223.5690, 26.4990,
9.8510

■ 146.8680,
-124.1970, -45.4530

■ 223.6830, 26.1780,
10.1620

Harmonies

Analogous

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



189.6340, -25.9930, -19.0250



188.3580, -42.5910, -15.5750



189.6490, -47.5440, -8.4080

Triad

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



188.3580, -42.5910, -15.5750



200.9320, 3.8480, 18.3760



197.9370, 30.6740, -5.2460

Complementary

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



188.3580, -42.5910, -15.5750



159.6420, 42.5910, 15.5750

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.



199.3820, 37.0910, 5.1150



188.3580, -42.5910, -15.5750



201.3980, 22.9670, 18.7990

Square

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



188.3580, -42.5910, -15.5750



197.9230, -18.2960, 12.2000



200.6950, 35.0720, 14.1760



195.4680, 15.6370, -13.5710

Rectangle

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



188.3580, -42.5910, -15.5750



192.5020, -42.4560, -1.4960



200.6950, 35.0720, 14.1760



198.0130, 33.5160, -1.6840

Sweetspot

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



188.3580, -42.5910, -15.5750



247.5250, -14.9000, -5.3000



180.5630, -19.2040, -37.4440



123.1020, -9.2150, -3.7030



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.



188.3580, -42.5910, -15.5750



223.3770, -61.9380, -22.8820



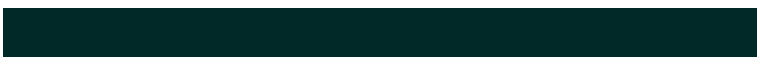
167.9270, -33.2870, 3.0410



101.5970, -6.2350, -2.6430



117.5400, -99.4860, -36.2380



28.6270, -24.1150, -9.0030

Inverse Universe

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



159.6420, 42.5910, 15.5750



181.6230, 61.9380, 22.8820



180.0730, 33.2870, -3.0410



97.2890, 6.5560, 2.3320



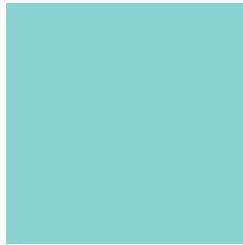
50.5740, 99.1650, 36.5490



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 188.3580, -42.5910, -15.5750 looks on a white background.

Color Contrast Check

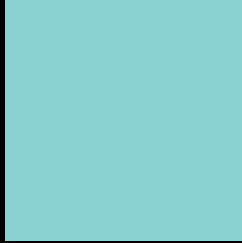
Large Text (above 18pt) WCAG AA × Fail

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 188.3580, -42.5910, -15.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

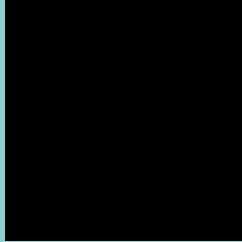
Any Text WCAG AA ✓ Pass

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 188.3580, -42.5910, -15.5750 Background



This preview shows how black text looks on a background with the YIQ color 188.3580, -42.5910, -15.5750.



This preview shows how white text looks on a background with the YIQ color 188.3580, -42.5910, -15.5750.

-15.5750.

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

188.3580, -42.5910, -15.5750

Protanopia

197.3530, 0.5040, 1.8800

Deuteranopia

198.5910, 3.0700, 10.4460



Tritanopia

190.0900, -44.4720, -9.0160

Trichromacy



Original Color

188.3580, -42.5910, -15.5750

Protanomaly

194.0520, -14.9460, -4.4660

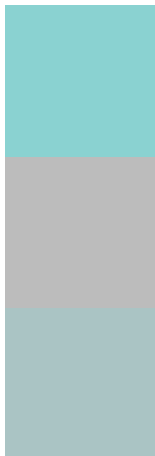
Deuteranomaly

195.1110, -13.4340, 1.1740

Tritanomaly

189.8080, -43.7380, -11.3060

Monochromacy



Original Color

188.3580, -42.5910, -15.5750

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2260, -15.4960, -5.5120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.3580, -42.5910, -15.5750 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(138, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(138, 210, 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(138, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 210, 209) }
```

Border

The CSS property to change the border of an element to YIQ 188.3580, -42.5910, -15.5750 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(138, 210, 209) }
```


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

```
.border{ border-color:rgb(138, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(138, 210,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 188.3580, -42.5910, -15.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 210, 209) }
```

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

```
.background{ background-color: rgb(138,  
210, 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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