

Converting Colors

YIQ(142.3330, -58.6380,
-16.6060)

Have a look what the booklet for
YIQ(142.3330, -58.6380, -16.6060)
contains.

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Color

**YIQ(142.3330, -58.6380,
-16.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA9B3
RGB	76, 169, 179
RGB Percent	30%, 66%, 70%
CMY	0.7022, 0.3371, 0.2983
CMYK	0.58, 0.06, 0.00, 0.30
HSL	186°, 40%, 50%
HSV	186°, 58%, 70%
XYZ	25.3019, 33.1769, 47.6856
YIQ	142.3330, -58.6380, -16.6060

Conversions

Conversions Part 2

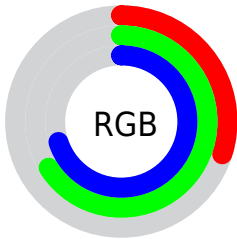
Format	Color
RYB	76, 125, 179
Decimal	5024179
CIELab	64.30, -24.49, -13.43
CIELCh	64, 27.933, 208.730
Yxy	33.1769, 0.2383, 0.3125
Android (android.graphics.Color)	4283214259 (0xFF4CA9B3)
YUV	142.3330, 18.0768, -58.1740
Hunter-Lab	57.5994, -22.3888, -8.7656

Details

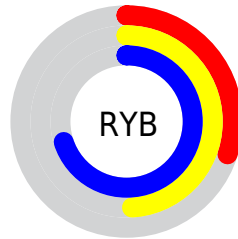
The YIQ color **142.3330, -58.6380, -16.6060** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **112.6670, 58.6380, 16.6060**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.3440, -57.1710, -15.6590**, and **83.0430, -72.6210, -22.0050** is the 20% darker color. If you saturate the color by 10%, you get **135.7770, -68.8160, -19.3760**, and if you desaturate by 10%, it is **148.8890, -48.4600, -13.8360**.

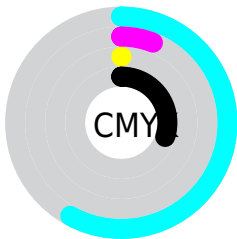
Distribution



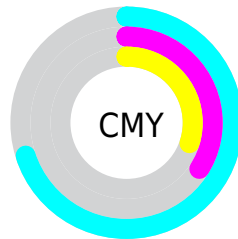
- Red (30%)
- Green (66%)
- Blue (70%)



- Red (30%)
- Yellow (49%)
- Blue (70%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.3330, -58.6380, -16.6060 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 142.3330, -58.6380, -16.6060 by changing the saturation by 10% instead.

■ 142.3330,
-58.6380, -16.6060

■ 142.3330,
-58.6380, -16.6060

■ 255.0000, -0.0000,
-0.0000

■ 113.5390,
-62.2140, -17.8780

■ 198.9310,
-57.4460, -16.1820

■ 83.0430, -72.6210,
-22.0050

■ 226.3180,
-54.2820, -18.4580

■ 65.5180, -57.7210,
-16.7050

■ 236.1630,
-37.5480, -13.3560

■ 48.6940, -43.4170,
-11.6170

■ 244.8340,
-20.2640, -7.2080

■ 32.6850, -30.0300,
-6.4300

■ 253.8040, -2.3840,
-0.8480

■ 18.4370, -17.4680,
-2.8120

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 142.3330,
-58.6380, -16.6060

■ 142.3330,
-58.6380, -16.6060

■ 135.7770,
-68.8160, -19.3760

■ 148.8890,
-48.4600, -13.8360

■ 129.8080,
-79.2690, -22.6690

■ 154.8580,
-38.0070, -10.5430

■ 123.2520,
-89.4470, -25.4390

■ 161.4140,
-27.8290, -7.7730

■ 116.6960,
-99.6250, -28.2090

■ 167.9700,
-17.6510, -5.0030

■ 115.5000,
-102.0090, -29.0570

■ 174.2270, -8.0690,
-2.4450

■ 180.1960, 2.3840,
0.8480

■ 186.7520, 12.5620,
3.6180

■ 193.3080, 22.7400,
6.3880

■ 199.8640, 32.9180,
9.1580

Harmonies

Analogous

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



144.8540, -41.3520, -21.5120



142.3330, -58.6380, -16.6060



145.7390, -56.4850, -6.0610

Triad

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



142.3330, -58.6380, -16.6060



160.0150, 13.9800, 21.9800



154.5080, 27.3280, -10.6880

Complementary

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



142.3330, -58.6380, -16.6060



112.6670, 58.6380, 16.6060

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.



156.4160, 39.7510, 0.9590



142.3330, -58.6380, -16.6060



159.1280, 32.5950, 20.5230

Square

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



142.3330, -58.6380, -16.6060



158.0920, -11.2820, 17.2460



158.0500, 41.2620, 12.1260



152.1140, 7.7060, -18.5180

Rectangle

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



142.3330, -58.6380, -16.6060



150.6530, -44.1990, 2.5610



158.0500, 41.2620, 12.1260



155.2530, 32.6000, -7.1120

Sweetspot

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



142.3330, -58.6380, -16.6060



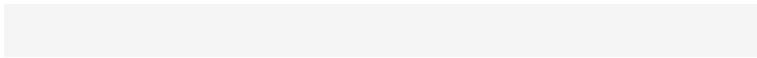
217.9910, -22.1440, -6.1760



137.4870, -31.2140, -51.0700



108.9490, -13.1580, -3.8300



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



142.3330, -58.6380, -16.6060



175.3550, -91.2350, -26.0750



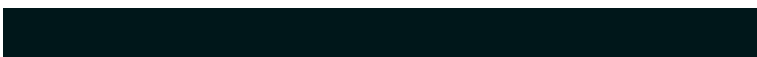
112.9830, -44.8880, 9.5440



85.7220, -5.0890, -1.3850



98.4480, -87.0630, -24.5910



16.4650, -14.6710, -3.9430

Inverse Universe

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



117.3990, 31.5350, 50.7590



136.3700, 48.8150, 79.0150



142.0170, 44.8880, -9.5440



83.6030, 2.7960, 4.3960



61.4790, 46.8900, 75.3540



10.3960, 8.1130, 12.6650

Previews

White Background



This preview shows how the YIQ color 142.3330, -58.6380, -16.6060 looks on a white background.

Color Contrast Check

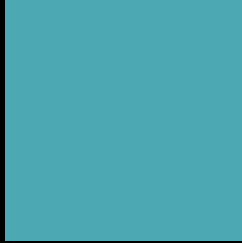
Large Text (above 18pt) WCAG AA × Fail

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 142.3330, -58.6380, -16.6060 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 142.3330, -58.6380, -16.6060 Background



This preview shows how black text looks on a background with the YIQ color 142.3330, -58.6380, -16.6060.



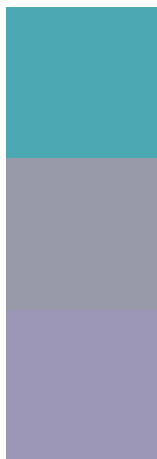
This preview shows how white text looks on a background with the YIQ color 142.3330, -58.6380, -16.6060.

-16.6060.

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

142.3330, -58.6380, -16.6060

Protanopia

155.4110, -5.4110, 4.4530

Deuteranopia

156.1430, -7.2920, 11.0120



Tritanopia

142.9740, -59.0050, -15.4610

Trichromacy



Original Color

142.3330, -58.6380, -16.6060

Protanomaly

150.4300, -24.7580, -2.8540

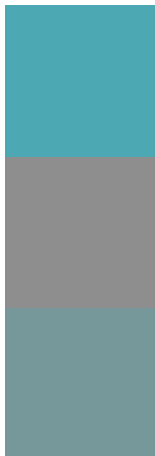
Deuteranomaly

151.4670, -26.1800, 0.8920

Tritanomaly

142.8600, -58.6840, -15.7720

Monochromacy



Original Color

142.3330, -58.6380, -16.6060

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1760, -21.2270, -6.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.3330, -58.6380, -16.6060 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(76, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(76, 169, 179)  
}
```

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(76, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 169, 179) }
```

Border

The CSS property to change the border of an element to YIQ 142.3330, -58.6380, -16.6060 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(76, 169, 179) }
```


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

```
.border{ border-color:rgb(76, 169, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 169, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 169, 179);  
box-shadow:4px 4px 4px 4px rgb(76, 169,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 142.3330, -58.6380, -16.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 169, 179) }
```

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

```
.background{ background-color: rgb(76, 169,  
179) }
```

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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