

Converting Colors

YIQ(138.2070, -58.0430,
-10.8670)

Have a look what the booklet for
YIQ(138.2070, -58.0430, -10.8670)
contains.

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Color

**YIQ(138.2070, -58.0430,
-10.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA1B8
RGB	76, 161, 184
RGB Percent	30%, 63%, 72%
CMY	0.7021, 0.3685, 0.2787
CMYK	0.59, 0.12, 0.00, 0.28
HSL	193°, 43%, 51%
HSV	193°, 59%, 72%
XYZ	24.3729, 30.4948, 49.9141
YIQ	138.2070, -58.0430, -10.8670

Conversions

Conversions Part 2

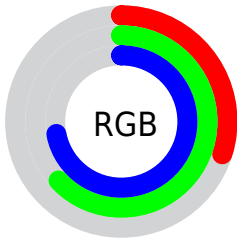
Format	Color
RYB	76, 124, 184
Decimal	5022136
CIELab	62.08, -18.89, -19.59
CIElCh	62, 27.215, 226.049
Yxy	30.4948, 0.2326, 0.2910
Android (android.graphics.Color)	4283212216 (0xFF4CA1B8)
YUV	138.2070, 22.5759, -54.5555
Hunter-Lab	55.2221, -17.8557, -14.9355

Details

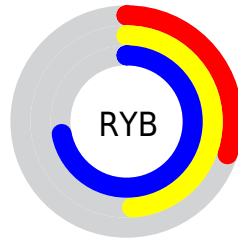
The YIQ color **138.2070, -58.0430, -10.8670** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **121.7930, 58.0430, 10.8670**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.2180, -56.5760, -9.9200**, and **78.9170, -72.0260, -16.2660** is the 20% darker color. If you saturate the color by 10%, you get **130.4770, -67.6710, -12.5910**, and if you desaturate by 10%, it is **145.9370, -48.4150, -9.1430**.

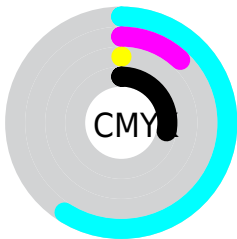
Distribution



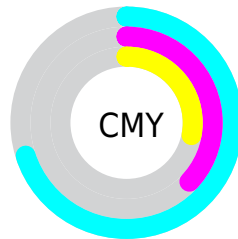
- Red (30%)
- Green (63%)
- Blue (72%)



- Red (30%)
- Yellow (49%)
- Blue (72%)



- Cyan (59%)
- Magenta (12%)
- Yellow (0%)
- Black (28%)



- Cyan (70%)
- Magenta (37%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.2070, -58.0430, -10.8670 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 138.2070, -58.0430, -10.8670 by changing the saturation by 10% instead.

■ 138.2070,
-58.0430, -10.8670

■ 138.2070,
-58.0430, -10.8670

■ 255.0000, -0.0000,
-0.0000

■ 110.2990,
-61.2980, -12.4500

■ 194.2180,
-56.5760, -9.9200

■ 78.9170, -72.0260,
-16.2660

■ 221.0350,
-51.8070, -13.7510

■ 61.9790, -57.4010,
-11.4890

■ 236.1630,
-37.5480, -13.3560

■ 45.0410, -42.7760,
-6.7120

■ 244.8340,
-20.2640, -7.2080

■ 29.5050, -29.3430,
-2.3590

■ 253.8040, -2.3840,
-0.8480

■ 13.6100, -16.2770,
3.1390

■ 2.1830, -4.7690,

3.8310

■ 0.0000, 0.0000,
0.0000

■ 138.2070,
-58.0430, -10.8670

■ 138.2070,
-58.0430, -10.8670

■ 130.4770,
-67.6710, -12.5910

■ 145.9370,
-48.4150, -9.1430

■ 122.4480,
-77.8950, -14.5270

■ 153.9660,
-38.1910, -7.2070

■ 114.7180,
-87.5230, -16.2510

■ 161.6960,
-28.5630, -5.4830

■ 106.6890,
-97.7470, -18.1870

■ 169.7250,
-18.3390, -3.5470

■ 106.0910,
-98.9390, -18.6110

■ 177.4550, -8.7110,
-1.8230

■ 184.5980, 1.1920,
0.4240

■ 192.6270, 11.4160,
2.3600

■ 200.3570, 21.0440,
4.0840

■ 208.3860, 31.2680,
6.0200

Harmonies

Analogous

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



136.8730, -51.5310, -18.7550



138.2070, -58.0430, -10.8670



144.4140, -45.0240, 0.9920

Triad

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



138.2070, -58.0430, -10.8670



153.6480, 25.2590, 21.3150



147.5990, 16.6460, -15.3380

Complementary

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



138.2070, -58.0430, -10.8670



121.7930, 58.0430, 10.8670

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.



149.8940, 32.2330, -5.9670



138.2070, -58.0430, -10.8670



152.4180, 37.4100, 15.8580

Square

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



138.2070, -58.0430, -10.8670



153.1000, 3.4350, 20.3550



151.3500, 40.1170, 5.3410



144.5300, -5.2690, -20.1570

Rectangle

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



138.2070, -58.0430, -10.8670



148.8830, -29.9870, 9.3170



151.3500, 40.1170, 5.3410



148.1160, 22.5600, -12.3840

Sweetspot

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



138.2070, -58.0430, -10.8670



221.8600, -23.1530, -4.4090



141.9040, -36.7620, -49.6420



108.4050, -14.4420, -2.5860



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



138.2070, -58.0430, -10.8670



168.6360, -90.2280, -16.7880



107.0960, -43.4680, 16.8520



88.1350, -4.8140, -0.8620



89.9850, -83.9010, -15.8130



16.1060, -15.0380, -2.7980

Inverse Universe

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



117.9820, 37.0830, 49.3310



137.2800, 57.7560, 76.6680



152.9040, 43.4680, -16.8520



86.4890, 3.1170, 4.0850



60.6660, 53.4930, 71.3250



10.8800, 9.6260, 12.7780

Previews

White Background



This preview shows how the YIQ color 138.2070, -58.0430, -10.8670 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 138.2070, -58.0430, -10.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

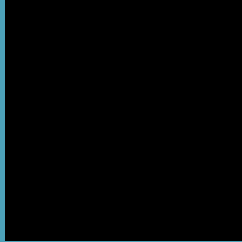
Any Text WCAG AA ✓ Pass

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 138.2070, -58.0430, -10.8670 Background



This preview shows how black text looks on a background with the YIQ color 138.2070, -58.0430, -10.8670.



This preview shows how white text looks on a background with the YIQ color 138.2070, -58.0430, -10.8670.

-10.8670.

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

138.2070, -58.0430, -10.8670

Protanopia

149.8820, -11.0510, 7.5490

Deuteranopia

150.0760, -14.3530, 12.3270



Tritanopia

136.6860, -58.1340, -14.7260

Trichromacy



Original Color

138.2070, -58.0430, -10.8670

Protanomaly

145.6840, -28.2890, 0.5670

Deuteranomaly

145.4220, -30.3070, 4.1010

Tritanomaly

137.3270, -58.5010, -13.5810

Monochromacy



Original Color

138.2070, -58.0430, -10.8670

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7570, -21.3650, -3.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.2070, -58.0430, -10.8670 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, 161, 184)` looks like.

```
.text, #text, p{  
    color:rgb(76, 161, 184)  
}
```

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, 161, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 161, 184) }
```

Border

The CSS property to change the border of an element to YIQ 138.2070, -58.0430, -10.8670 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, 161, 184) }
```


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

```
.border{ border-color:rgb(76, 161, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 161, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 161, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 161, 184);  
box-shadow:4px 4px 4px 4px rgb(76, 161,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 138.2070, -58.0430, -10.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 161, 184) }
```

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

```
.background{ background-color: rgb(76, 161,  
184) }
```

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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