

Converting Colors

YIQ(139.2130, -58.1800,
-13.8920)

Have a look what the booklet for
YIQ(139.2130, -58.1800, -13.8920)
contains.

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Color

**YIQ(139.2130, -58.1800,
-13.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	4BA4B4
RGB	75, 164, 180
RGB Percent	29%, 64%, 71%
CMY	0.7061, 0.3567, 0.2944
CMYK	0.58, 0.09, 0.00, 0.29
HSL	189°, 41%, 50%
HSV	189°, 58%, 71%
XYZ	24.4117, 31.3509, 47.9116
YIQ	139.2130, -58.1800, -13.8920

Conversions

Conversions Part 2

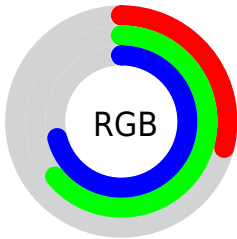
Format	Color
RYB	75, 123, 180
Decimal	4957364
CIELab	62.80, -21.84, -16.25
CIELCh	63, 27.225, 216.658
Yxy	31.3509, 0.2355, 0.3024
Android (android.graphics.Color)	4283147444 (0xFF4BA4B4)
YUV	139.2130, 20.1080, -56.3148
Hunter-Lab	55.9918, -20.1621, -11.5395

Details

The YIQ color **139.2130, -58.1800, -13.8920** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **115.7870, 58.1800, 13.8920**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2240, -56.7130, -12.9450**, and **80.2220, -71.5670, -19.0790** is the 20% darker color. If you saturate the color by 10%, you get **132.0700, -68.0830, -16.1390**, and if you desaturate by 10%, it is **146.3560, -48.2770, -11.6450**.

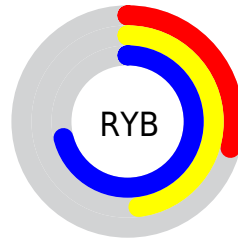
Distribution



Red (29%)

Green (64%)

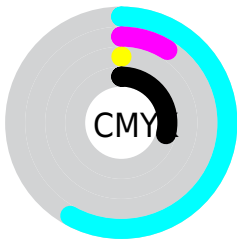
Blue (71%)



Red (29%)

Yellow (48%)

Blue (71%)

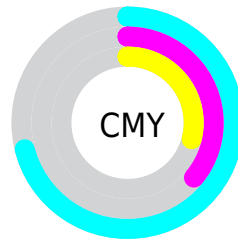


Cyan (58%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (71%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.2130, -58.1800, -13.8920 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 139.2130, -58.1800, -13.8920 by changing the saturation by 10% instead.

■ 139.2130,
-58.1800, -13.8920

■ 139.2130,
-58.1800, -13.8920

■ 255.0000, -0.0000,
-0.0000

■ 111.0060,
-62.0310, -15.6870

■ 195.2240,
-56.7130, -12.9450

■ 80.2220, -71.5670,
-19.0790

■ 223.0840,
-53.5030, -16.0550

■ 62.6970, -56.6670,
-13.7790

■ 235.8640,
-38.1440, -13.5680

■ 46.4600, -42.6380,
-9.2140

■ 244.5350,
-20.8600, -7.4200

■ 30.3370, -28.9300,
-4.3380

■ 253.5050, -2.9800,
-1.0600

■ 15.0290, -16.1390,
0.6370

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 139.2130,
-58.1800, -13.8920

■ 139.2130,
-58.1800, -13.8920

■ 132.0700,
-68.0830, -16.1390

■ 146.3560,
-48.2770, -11.6450

■ 125.5140,
-78.2610, -18.9090

■ 152.9120,
-38.0990, -8.8750

■ 118.3710,
-88.1640, -21.1560

■ 160.0550,
-28.1960, -6.6280

■ 111.2280,
-98.0670, -23.4030

■ 167.1980,
-18.2930, -4.3810

■ 110.3310,
-99.8550, -24.0390

■ 174.3410, -8.3900,
-2.1340

■ 180.8970, 1.7880,
0.6360

■ 188.0400, 11.6910,
2.8830

■ 195.1830, 21.5940,
5.1300

■ 202.3260, 31.4970,
7.3770

Harmonies

Analogous

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



139.8690, -45.7080, -19.6600



139.2130, -58.1800, -13.8920



144.3700, -50.8920, -2.7960

Triad

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



139.2130, -58.1800, -13.8920



155.9400, 18.5650, 21.4850



150.1160, 22.5600, -12.3840

Complementary

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



139.2130, -58.1800, -13.8920



115.7870, 58.1800, 13.8920

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.



152.1550, 35.9920, -2.5040



139.2130, -58.1800, -13.8920



155.2160, 35.1630, 18.0350

Square

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



139.2130, -58.1800, -13.8920



154.7400, -4.3590, 18.4330



153.7570, 40.5290, 8.8890



147.1780, 1.6540, -18.9700

Rectangle

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



139.2130, -58.1800, -13.8920



148.4690, -37.6890, 5.7270



153.7570, 40.5290, 8.8890



150.7470, 28.1530, -9.1190

Sweetspot

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



139.2130, -58.1800, -13.8920



218.0340, -23.7030, -5.4550



138.4590, -34.0110, -49.9390



106.8780, -14.3960, -3.4200



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.



139.2130, -58.1800, -13.8920



170.9900, -91.4650, -21.9050



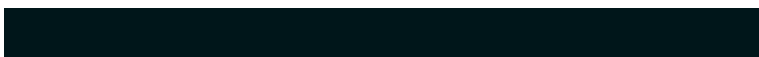
108.6890, -43.8800, 13.3040



85.7220, -5.0890, -1.3850



93.7520, -84.8630, -20.4070



15.8780, -14.3960, -3.4200

Inverse Universe

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



116.5410, 34.0110, 49.9390



135.2950, 53.4000, 78.5200



146.3110, 43.8800, -13.3040



83.6030, 2.7960, 4.3960



60.5670, 49.4580, 72.8660



10.2820, 8.4340, 12.3540

Previews

White Background



This preview shows how the YIQ color 139.2130, -58.1800, -13.8920 looks on a white background.

Color Contrast Check

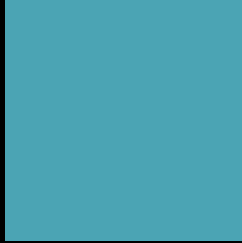
Large Text (above 18pt) WCAG AA × Fail

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 139.2130, -58.1800, -13.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

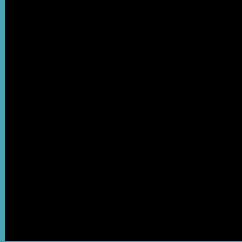
Any Text WCAG AA ✓ Pass

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 139.2130, -58.1800, -13.8920 Background



This preview shows how black text looks on a background with the YIQ color 139.2130, -58.1800, -13.8920.



This preview shows how white text looks on a background with the YIQ color 139.2130, -58.1800, -13.8920.

-13.8920.

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

139.2130, -58.1800, -13.8920

Protanopia

151.7960, -7.9330, 6.1070

Deuteranopia

152.2890, -10.6390, 11.0970



Tritanopia

138.6860, -58.1340, -14.7260

Trichromacy



Original Color

139.2130, -58.1800, -13.8920

Protanomaly

147.0000, -26.3630, -1.2990

Deuteranomaly

147.6240, -28.0600, 1.9240

Tritanomaly

138.8000, -58.4550, -14.4150

Monochromacy



Original Color

139.2130, -58.1800, -13.8920

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1160, -20.9980, -4.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.2130, -58.1800, -13.8920 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(75, 164, 180)` looks like.

```
.text, #text, p{  
    color:rgb(75, 164, 180)  
}
```

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(75, 164, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 164, 180) }
```

Border

The CSS property to change the border of an element to YIQ 139.2130, -58.1800, -13.8920 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(75, 164, 180) }
```


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

```
.border{ border-color:rgb(75, 164, 180) }
```

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

Here you see how a box with a 4 pixel rgb(75, 164, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 164, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 164, 180);  
box-shadow:4px 4px 4px 4px rgb(75, 164,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 139.2130, -58.1800, -13.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 164, 180) }
```

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

```
.background{ background-color: rgb(75, 164,  
180) }
```

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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