

Converting Colors

YIQ(188.8170, 55.2130,
-59.0190)

Have a look what the booklet for
YIQ(188.8170, 55.2130, -59.0190)
contains.

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Color

**YIQ(188.8170, 55.2130,
-59.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD41B
RGB	205, 212, 27
RGB Percent	80%, 83%, 11%
CMY	0.1962, 0.1686, 0.8937
CMYK	0.03, 0.00, 0.87, 0.17
HSL	62°, 77%, 47%
HSV	62°, 87%, 83%
XYZ	48.9106, 60.1421, 10.0733
YIQ	188.8170, 55.2130, -59.0190

Conversions

Conversions Part 2

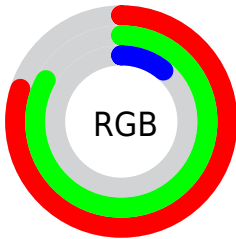
Format	Color
R _Y B	27, 212, 34
Decimal	13489179
CIE Lab	81.92, -21.37, 78.36
CIE LCh	82, 81.227, 105.257
Yxy	60.1421, 0.4106, 0.5049
Android (android.graphics.Color)	4291679259 (0xFFCDD41B)
YUV	188.8170, -79.7758, 14.1925
Hunter-Lab	77.5513, -23.1374, 46.5847

Details

The YIQ color **188.8170, 55.2130, -59.0190** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **50.1830, -55.2130, 59.0190**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.7600, 51.3600, -49.7600**, and **136.4000, 43.5660, -51.6820** is the 20% darker color. If you saturate the color by 10%, you get **186.1240, 61.3580, -65.7620**, and if you desaturate by 10%, it is **191.5100, 49.0680, -52.2760**.

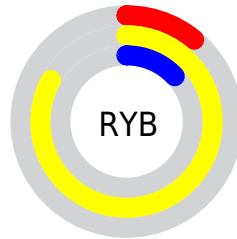
Distribution



Red (80%)

Green (83%)

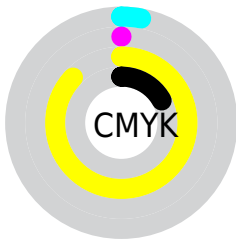
Blue (11%)



Red (11%)

Yellow (83%)

Blue (13%)

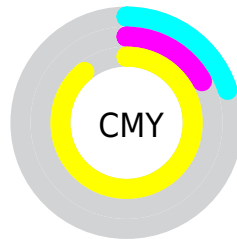


Cyan (3%)

Magenta (0%)

Yellow (87%)

Black (17%)



Cyan (20%)

Magenta (17%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8170, 55.2130, -59.0190 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 188.8170, 55.2130, -59.0190 by changing the saturation by 10% instead.

■ 188.8170, 55.2130,
-59.0190

■ 188.8170, 55.2130,
-59.0190

■ 255.0000, -0.0000,
-0.0000

■ 160.3330, 53.7000,
-59.1320

■ 236.7600, 51.3600,
-49.7600

■ 136.4000, 43.5660,
-51.6820

■ 240.0660, 42.0510,
-40.7410

■ 112.7660, 34.0280,
-44.0200

■ 243.3720, 32.7420,
-31.7220

■ 89.7190, 24.2150,
-36.8810

■ 246.6780, 23.4330,
-22.7030

■ 67.2590, 14.1270,
-30.2650

■ 250.0980, 13.8030,
-13.3730

■ 45.0980, 4.6350,
-23.4370

■ 253.4040, 4.4940,

■ 24.6980, -5.6820,

-4.3540

-18.1780

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,
0.0000

■ 188.8170, 55.2130,
-59.0190

■ 188.8170, 55.2130,
-59.0190

■ 186.1240, 61.3580,
-65.7620

■ 191.5100, 49.0680,
-52.2760

■ 185.4400, 63.2840,
-67.6280

■ 194.3170, 42.6020,
-45.2220

■ 196.7110, 35.8610,
-38.6910

■ 199.4040, 29.7160,
-31.9480

■ 202.0970, 23.5710,
-25.2050

■ 204.7900, 17.4260,
-18.4620

■ 207.5970, 10.9600,
-11.4080

■ 209.9910, 4.2190,
-4.8770

■ 212.6840, -1.9260,
1.8660

Harmonies

Analogous

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



189.8730, 88.3110, -31.0890



188.8170, 55.2130, -59.0190



178.2530, -22.4080, -67.4960

Triad

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



188.8170, 55.2130, -59.0190



167.6020, -146.7550, -44.1230



183.4200, 36.2100, 59.6500

Complementary

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



188.8170, 55.2130, -59.0190



50.1830, -55.2130, 59.0190

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.



202.7570, 24.4750, 46.5470



188.8170, 55.2130, -59.0190



159.9710, -143.1800, -37.3240

Square

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



188.8170, 55.2130, -59.0190



168.4680, -143.6820, -50.2580



182.6600, -63.2720, 1.3040



171.7070, 62.3020, 38.3180

Rectangle

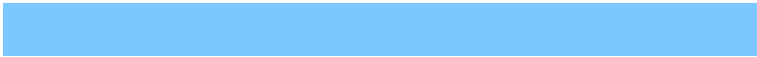
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.8170, 55.2130, -59.0190



153.4490, -108.2810, -80.6090



182.6600, -63.2720, 1.3040



189.8430, 30.5250, 58.0530

Sweetspot

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



188.8170, 55.2130, -59.0190



246.5790, 19.3980, -21.1620



85.8370, 108.6100, 36.0820



122.8420, 11.6480, -12.8640



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.



188.8170, 55.2130, -59.0190



222.9400, 75.8950, -81.4250



161.3090, 0.3810, -78.5230



105.7460, 3.5310, -3.4210



149.4130, 50.7190, -54.6650



37.7990, 13.2070, -13.5850

Inverse Universe

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



50.1830, -55.2130, 59.0190



32.0600, -75.8950, 81.4250



77.6910, -0.3810, 78.5230



97.5530, -2.9350, 3.6330



21.5870, -50.7190, 54.6650



5.5000, -12.6110, 13.7970

Previews

White Background



This preview shows how the YIQ color 188.8170, 55.2130, -59.0190 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 188.8170, 55.2130, -59.0190 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 188.8170, 55.2130, -59.0190

Background



This preview shows how black text looks on a background with the YIQ color 188.8170, 55.2130, -59.0190.



This preview shows how white text looks on a background with the YIQ color 188.8170, 55.2130,

-59.0190.

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

188.8170, 55.2130, -59.0190

Protanopia

190.9550, 72.6800, -50.6800

Deuteranopia

195.9200, 80.9290, -29.4630



Tritanopia

205.4020, 7.9760, 9.6400

Trichromacy



Original Color

188.8170, 55.2130, -59.0190

Protanomaly

190.1390, 66.1700, -53.8460

Deuteranomaly

193.3930, 71.8070, -40.3610

Tritanomaly

199.0900, 25.4490, -15.1830

Monochromacy



Original Color

188.8170, 55.2130, -59.0190

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7640, 20.3150, -21.2610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8170, 55.2130, -59.0190 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(205, 212, 27)` looks like.

```
.text, #text, p{  
    color:rgb(205, 212, 27)  
}
```

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(205, 212, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 212, 27) }
```

Border

The CSS property to change the border of an element to YIQ 188.8170, 55.2130, -59.0190 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(205, 212, 27) }
```


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

```
.border{ border-color:rgb(205, 212, 27) }
```

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

Here you see how a box with a 4 pixel rgb(205, 212, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 212, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 212, 27);  
box-shadow:4px 4px 4px 4px rgb(205, 212,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8170, 55.2130, -59.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 212, 27) }
```

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

```
.background{ background-color: rgb(205,  
212, 27) }
```

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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