

Converting Colors

YIQ(176.3860, 38.1540,
-41.7020)

Have a look what the booklet for
YIQ(176.3860, 38.1540, -41.7020)
contains.

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Color

**YIQ(176.3860, 38.1540,
-41.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC13F
RGB	187, 193, 63
RGB Percent	73%, 76%, 25%
CMY	0.2668, 0.2431, 0.7527
CMYK	0.03, 0.00, 0.67, 0.24
HSL	63°, 51%, 50%
HSV	63°, 67%, 76%
XYZ	40.4570, 49.0622, 12.0497
YIQ	176.3860, 38.1540, -41.7020

Conversions

Conversions Part 2

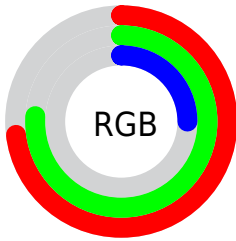
Format	Color
RYB	63, 193, 69
Decimal	12304703
CIELab	75.49, -18.24, 61.72
CIELCh	75, 64.358, 106.462
Yxy	49.0622, 0.3983, 0.4830
Android (android.graphics.Color)	4290494783 (0xFFBBC13F)
YUV	176.3860, -55.8993, 9.3085
Hunter-Lab	70.0444, -19.4778, 38.8315

Details

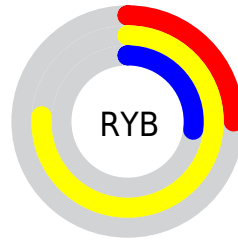
The YIQ color **176.3860, 38.1540, -41.7020** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **79.6140, -38.1540, 41.7020**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1690, 40.2630, -41.3770**, and **121.0500, 38.9800, -45.6600** is the 20% darker color. If you saturate the color by 10%, you get **173.9210, 43.6570, -47.8230**, and if you desaturate by 10%, it is **178.8510, 32.6510, -35.5810**.

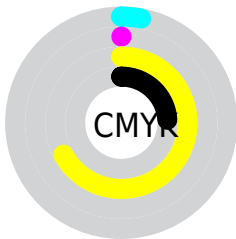
Distribution



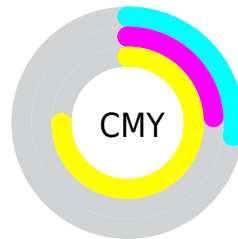
- Red (73%)
- Green (76%)
- Blue (25%)



- Red (25%)
- Yellow (76%)
- Blue (27%)



- Cyan (3%)
- Magenta (0%)
- Yellow (67%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3860, 38.1540, -41.7020 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 176.3860, 38.1540, -41.7020 by changing the saturation by 10% instead.

■ 176.3860, 38.1540,
-41.7020

■ 176.3860, 38.1540,
-41.7020

255.0000, -0.0000,
-0.0000

■ 148.4460, 37.9250,
-43.0590

■ 233.1690, 40.2630,
-41.3770

■ 121.0500, 38.9800,
-45.6600

■ 242.4600, 35.3100,
-34.2100

■ 97.7150, 30.0380,
-37.7860

■ 245.6520, 26.3220,
-25.5020

■ 75.8530, 21.1420,
-30.7460

■ 248.9580, 17.0130,
-16.4830

■ 54.2790, 11.3750,
-24.4410

■ 252.2640, 7.7040,
-7.4640

■ 33.0040, 2.2040,
-17.9240

■ 15.2620, -7.1500,

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 176.3860, 38.1540,
-41.7020

■ 176.3860, 38.1540,
-41.7020

■ 173.9210, 43.6570,
-47.8230

■ 178.8510, 32.6510,
-35.5810

■ 171.3420, 49.4810,
-54.2550

■ 181.4300, 26.8270,
-29.1490

■ 168.8770, 54.9840,
-60.3760

■ 183.8950, 21.3240,
-23.0280

■ 168.3070, 56.5890,
-61.9310

■ 186.3600, 15.8210,
-16.9070

■ 188.6400, 9.4010,
-10.6870

■ 191.1050, 3.8980,
-4.5660

■ 193.5700, -1.6050,
1.5550

■ 196.0350, -7.1080,
7.6760

■ 198.6140,
-12.9320, 14.1080

Harmonies

Analogous

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



181.0200, 75.1960, -19.1720



176.3860, 38.1540, -41.7020



167.6040, -18.4220, -51.6220

Triad

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



176.3860, 38.1540, -41.7020



152.9270, -139.8800, -31.0480



180.5870, 45.5650, 49.7970

Complementary

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



176.3860, 38.1540, -41.7020



79.6140, -38.1540, 41.7020

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.



190.2980, 12.6460, 46.1660



176.3860, 38.1540, -41.7020



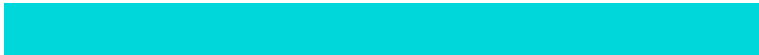
146.4700, -136.8550, -25.2950

Square

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



176.3860, 38.1540, -41.7020



151.0570, -129.1030, -44.6470



176.8780, -48.7860, 14.1100



172.6870, 65.0540, 32.4940

Rectangle

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



176.3860, 38.1540, -41.7020



151.0110, -79.9040, -60.7360



176.8780, -48.7860, 14.1100



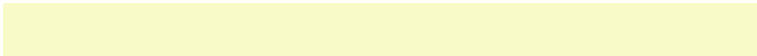
186.3890, 37.4950, 52.8790

Sweetspot

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



176.3860, 38.1540, -41.7020



243.7020, 14.8580, -15.9740



104.2180, 76.3800, 25.4680



121.2810, 9.0340, -9.5420



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



176.3860, 38.1540, -41.7020



224.1670, 59.7990, -65.0410



157.5490, 0.6060, -55.0580



95.5610, 2.6140, -3.3220



140.2540, 46.9130, -51.7670



28.9390, 9.9970, -10.4750

Inverse Universe

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



79.6140, -38.1540, 41.7020



73.1320, -59.2030, 65.2530



98.4510, -0.6060, 55.0580



88.4390, -2.6140, 3.3220



20.4470, -47.5090, 51.5550



4.3600, -9.4010, 10.6870

Previews

White Background



This preview shows how the YIQ color 176.3860, 38.1540, -41.7020 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 176.3860, 38.1540, -41.7020 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 176.3860, 38.1540, -41.7020

Background



This preview shows how black text looks on a background with the YIQ color 176.3860, 38.1540, -41.7020.



This preview shows how white text looks on a background with the YIQ color 176.3860, 38.1540,

-41.7020.

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

176.3860, 38.1540, -41.7020

Protanopia

178.3280, 53.2370, -34.2110

Deuteranopia

181.1330, 67.4480, -21.9280



Tritanopia

187.3910, 6.5090, 8.6930

Trichromacy



Original Color

176.3860, 38.1540, -41.7020

Protanomaly

177.8110, 47.3230, -37.1650

Deuteranomaly

179.6430, 56.9040, -29.0800

Tritanomaly

183.6580, 18.1580, -9.6980

Monochromacy



Original Color

176.3860, 38.1540, -41.7020

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.0440, 13.8950, -15.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3860, 38.1540, -41.7020 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(187, 193, 63)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 63)  
}
```

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(187, 193, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 63) }
```

Border

The CSS property to change the border of an element to YIQ 176.3860, 38.1540, -41.7020 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(187, 193, 63) }
```


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

```
.border{ border-color:rgb(187, 193, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 63);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3860, 38.1540, -41.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 63) }
```

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

```
.background{ background-color: rgb(187,  
193, 63) }
```

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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