

Converting Colors

YIQ(180.1540, 27.4240,
-34.4640)

Have a look what the booklet for
YIQ(180.1540, 27.4240, -34.4640)
contains.

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Color

**YIQ(180.1540, 27.4240,
-34.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C35B
RGB	185, 195, 91
RGB Percent	73%, 76%, 36%
CMY	0.2746, 0.2353, 0.6429
CMYK	0.05, 0.00, 0.53, 0.24
HSL	66°, 46%, 56%
HSV	66°, 53%, 76%
XYZ	41.4085, 50.0996, 17.3962
YIQ	180.1540, 27.4240, -34.4640

Conversions

Conversions Part 2

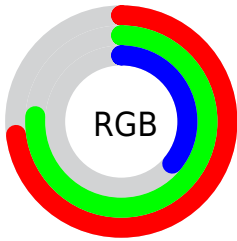
Format	Color
RYB	91, 195, 101
Decimal	12174171
CIELab	76.13, -18.07, 50.32
CIELCh	76, 53.468, 109.755
Yxy	50.0996, 0.3802, 0.4600
Android (android.graphics.Color)	4290364251 (0xFFB9C35B)
YUV	180.1540, -43.9529, 4.2499
Hunter-Lab	70.7811, -19.4404, 34.9748

Details

The YIQ color **180.1540, 27.4240, -34.4640** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **105.8460, -27.4240, 34.4640**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4100, 29.5790, -34.9730**, and **126.0830, 26.1860, -34.0540** is the 20% darker color. If you saturate the color by 10%, you get **177.3900, 32.3310, -40.7970**, and if you desaturate by 10%, it is **183.0320, 22.1960, -27.8200**.

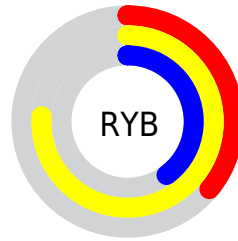
Distribution



Red (73%)

Green (76%)

Blue (36%)



Red (36%)

Yellow (76%)

Blue (40%)

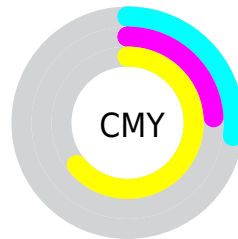


Cyan (5%)

Magenta (0%)

Yellow (53%)

Black (24%)



Cyan (27%)


Magenta (24%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.1540, 27.4240, -34.4640 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 180.1540, 27.4240, -34.4640 by changing the saturation by 10% instead.

 180.1540, 27.4240,
-34.4640

 180.1540, 27.4240,
-34.4640


255.0000, -0.0000,
-0.0000


 152.9690, 26.5070,
-34.3650

 236.4100, 29.5790,
-34.9730

 126.0830, 26.1860,
-34.0540


 245.4240, 26.9640,
-26.1240

 99.4590, 27.8830,
-37.2770

 248.6160, 17.9760,
-17.4160

 76.4400, 20.8670,
-31.2690

 251.9220, 8.6670,
-8.3970

 55.4640, 12.2920,
-24.5400

 34.7760, 2.8460,
-18.5460

 15.8490, -7.4250,

-14.1210

■ 0.0000, 0.0000,
0.0000

■ 180.1540, 27.4240,
-34.4640

■ 180.1540, 27.4240,
-34.4640

■ 177.3900, 32.3310,
-40.7970

■ 183.0320, 22.1960,
-27.8200

■ 174.5120, 37.5590,
-47.4410

■ 185.7960, 17.2890,
-21.4870

■ 171.7480, 42.4660,
-53.7740

■ 188.6740, 12.0610,
-14.8430

■ 168.8700, 47.6940,
-60.4180

■ 191.4380, 7.1540,
-8.5100

■ 167.0890, 51.2710,
-64.6730

■ 194.0170, 1.3300,
-2.0780

■ 196.7810, -3.5770,
4.2550

■ 199.6590, -8.8050,
10.8990

■ 202.4230,
-13.7120, 17.2320

■ 203.9330,
-15.0880, 20.1440

Harmonies

Analogous

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



184.4730, 60.7990, -17.0650



180.1540, 27.4240, -34.4640



173.1020, -19.5240, -42.6600

Triad

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



180.1540, 27.4240, -34.4640



151.1660, -139.0550, -29.4790



186.7190, 44.8330, 41.0330

Complementary

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



180.1540, 27.4240, -34.4640



105.8460, -27.4240, 34.4640

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.



193.1900, 12.8300, 42.8300



180.1540, 27.4240, -34.4640



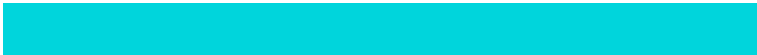
157.8540, -111.2730, -15.3450

Square

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



180.1540, 27.4240, -34.4640



150.1110, -129.1950, -42.9790



184.3530, -33.8860, 19.4100



181.0190, 60.8830, 25.4830

Rectangle

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



180.1540, 27.4240, -34.4640



163.3220, -61.2460, -46.4460



184.3530, -33.8860, 19.4100



190.8910, 38.5970, 43.9170

Sweetspot

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



180.1540, 27.4240, -34.4640



246.5430, 11.0520, -13.0760



127.3790, 59.5090, 17.3410



124.2530, 6.2370, -8.4110



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.



180.1540, 27.4240, -34.4640



229.1610, 42.7410, -53.2510



164.9050, -2.9720, -45.2760



95.5610, 2.6140, -3.3220



137.8620, 42.1450, -53.4630



28.3410, 8.8050, -10.8990

Inverse Universe

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



105.8460, -27.4240, 34.4640



113.8390, -42.7410, 53.2510



121.0950, 2.9720, 45.2760



88.4390, -2.6140, 3.3220



23.1380, -42.1450, 53.4630



4.6590, -8.8050, 10.8990

Previews

White Background



This preview shows how the YIQ color 180.1540, 27.4240, -34.4640 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 180.1540, 27.4240, -34.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

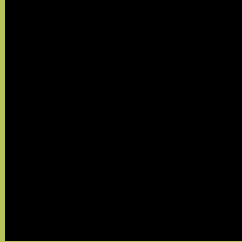
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 180.1540, 27.4240, -34.4640

Background



This preview shows how black text looks on a background with the YIQ color 180.1540, 27.4240, -34.4640.



This preview shows how white text looks on a background with the YIQ color 180.1540, 27.4240,

-34.4640.

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

180.1540, 27.4240, -34.4640

Protanopia

182.6940, 43.6990, -26.5490

Deuteranopia

184.6730, 57.3600, -15.3120



Tritanopia

189.4830, 3.2540, 7.1100

Trichromacy



Original Color

180.1540, 27.4240, -34.4640

Protanomaly

182.1770, 37.7850, -29.5030

Deuteranomaly

183.2970, 46.4950, -22.1530

Tritanomaly

186.1890, 12.2890, -7.9590

Monochromacy



Original Color

180.1540, 27.4240, -34.4640

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8850, 10.0890, -12.1430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1540, 27.4240, -34.4640 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(185, 195, 91)` looks like.

```
.text, #text, p{  
    color:rgb(185, 195, 91)  
}
```

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(185, 195, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 195, 91) }
```

Border

The CSS property to change the border of an element to YIQ 180.1540, 27.4240, -34.4640 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(185, 195, 91) }
```


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

```
.border{ border-color:rgb(185, 195, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 195, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 195, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 195, 91); box-shadow:4px 4px 4px 4px rgb(185, 195, 91) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1540, 27.4240, -34.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 195, 91) }
```

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

```
.background{ background-color: rgb(185,  
195, 91) }
```

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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