

Converting Colors

YIQ(174.5680, 25.9580,
-40.9380)

Have a look what the booklet for
YIQ(174.5680, 25.9580, -40.9380)
contains.

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Color

**YIQ(174.5680, 25.9580,
-40.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC24C
RGB	174, 194, 76
RGB Percent	68%, 76%, 30%
CMY	0.3178, 0.2392, 0.7018
CMYK	0.10, 0.00, 0.61, 0.24
HSL	70°, 49%, 53%
HSV	70°, 61%, 76%
XYZ	38.0485, 48.1048, 14.1263
YIQ	174.5680, 25.9580, -40.9380

Conversions

Conversions Part 2

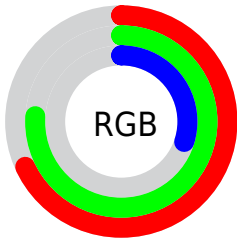
Format	Color
RYB	76, 194, 96
Decimal	11453004
CIELab	74.89, -23.27, 55.46
CIELCh	75, 60.146, 112.764
Yxy	48.1048, 0.3794, 0.4797
Android (android.graphics.Color)	4289643084 (0xFFAEC24C)
YUV	174.5680, -48.5940, -0.4981
Hunter-Lab	69.3576, -23.4535, 36.4745

Details

The YIQ color **174.5680, 25.9580, -40.9380** is a dark color, and the websafe version is hex **CCCC66**. The color can be described as middle muted chartreuse. A complement of this color would be **95.4320, -25.9580, 40.9380**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.8240, 28.1130, -41.4470**, and **119.6990, 26.9670, -42.7050** is the 20% darker color. If you saturate the color by 10%, you get **171.5050, 30.2690, -47.4830**, and if you desaturate by 10%, it is **177.6310, 21.6470, -34.3930**.

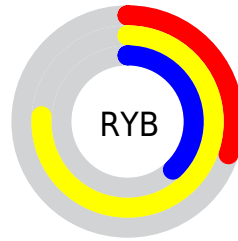
Distribution



Red (68%)

Green (76%)

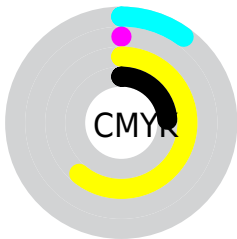
Blue (30%)



Red (30%)

Yellow (76%)

Blue (38%)

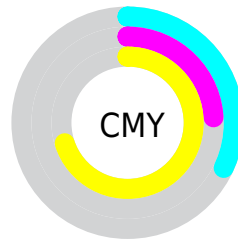


Cyan (10%)

Magenta (0%)

Yellow (61%)

Black (24%)



Cyan (32%)

Magenta (24%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5680, 25.9580, -40.9380 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 174.5680, 25.9580, -40.9380 by changing the saturation by 10% instead.

■ 174.5680, 25.9580,
-40.9380

■ 174.5680, 25.9580,
-40.9380

■ 255.0000, -0.0000,
-0.0000

■ 147.2690, 25.3620,
-41.1500

■ 230.8240, 28.1130,
-41.4470

■ 119.6990, 26.9670,
-42.7050

■ 243.8280, 31.4580,
-30.4780

■ 95.0130, 23.2070,
-40.6410

■ 247.0200, 22.4700,
-21.7700

■ 72.5640, 14.5860,
-33.0780

■ 250.2120, 13.4820,
-13.0620

■ 51.2890, 5.4150,
-26.5610

■ 253.5180, 4.1730,
-4.0430

■ 29.4160, -4.9480,
-20.4680

■ 15.2620, -7.1500,

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 174.5680, 25.9580,
-40.9380

■ 174.5680, 25.9580,
-40.9380

■ 171.5050, 30.2690,
-47.4830

■ 177.6310, 21.6470,
-34.3930

■ 168.0290, 34.3050,
-54.5510

■ 181.1070, 17.6110,
-27.3250

■ 164.9660, 38.6160,
-61.0960

■ 184.1700, 13.3000,
-20.7800

■ 162.0170, 42.6060,
-67.3300

■ 187.3470, 8.6680,
-13.9240

■ 190.4100, 4.3570,
-7.3790

■ 193.7720, 0.6420,
-0.6220

■ 196.9490, -3.9900,
6.2340

■ 200.0120, -8.3010,
12.7790

■ 203.4880,
-12.3370, 19.8470

Harmonies

Analogous

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



179.6380, 64.4680, -22.9880



174.5680, 25.9580, -40.9380



165.0250, -29.7930, -49.2890

Triad

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



174.5680, 25.9580, -40.9380



149.9920, -138.5050, -28.4330



179.4640, 50.1050, 44.6090

Complementary

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



174.5680, 25.9580, -40.9380



95.4320, -25.9580, 40.9380

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.



190.0000, 19.4770, 49.0210



174.5680, 25.9580, -40.9380



142.9480, -135.2050, -22.1570

Square

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



174.5680, 25.9580, -40.9380



150.0940, -130.5250, -40.9010



181.1300, -31.6400, 22.7600



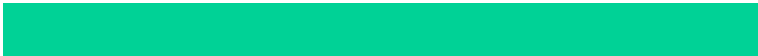
174.3680, 67.2100, 26.4580

Rectangle

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



174.5680, 25.9580, -40.9380



140.3700, -105.9000, -63.1800



181.1300, -31.6400, 22.7600



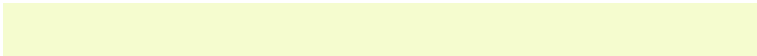
183.9780, 42.9060, 48.4260

Sweetspot

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



174.5680, 25.9580, -40.9380



244.7770, 10.2730, -15.4790



123.0220, 64.8280, 14.5560



123.1990, 6.3290, -10.0790



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.



174.5680, 25.9580, -40.9380



221.7550, 40.5880, -63.7960



156.9270, -9.2060, -53.4460



95.2620, 2.0180, -3.5340



134.2740, 34.9930, -56.0070



27.7430, 7.6130, -11.3230

Inverse Universe

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



95.4320, -25.9580, 40.9380



98.2450, -40.5880, 63.7960



113.0730, 9.2060, 53.4460



88.7380, -2.0180, 3.5340



26.4270, -35.5890, 55.7950



5.5560, -7.0170, 11.5350

Previews

White Background



This preview shows how the YIQ color 174.5680, 25.9580, -40.9380 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 174.5680, 25.9580, -40.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

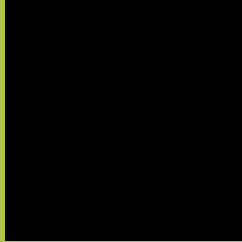
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.5680, 25.9580, -40.9380

Background



This preview shows how black text looks on a background with the YIQ color 174.5680, 25.9580, -40.9380.



This preview shows how white text looks on a background with the YIQ color 174.5680, 25.9580, -40.9380.

-40.9380.

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

174.5680, 25.9580, -40.9380

Protanopia

177.6250, 48.1470, -30.0690

Deuteranopia

180.2450, 61.4410, -17.6870



Tritanopia

185.0910, -1.5140, 5.4140

Trichromacy



Original Color

174.5680, 25.9580, -40.9380

Protanomaly

176.7980, 40.1700, -34.1820

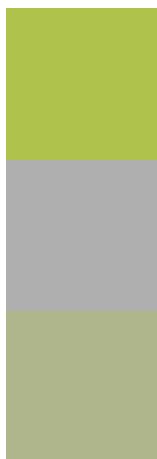
Deuteranomaly

178.1460, 48.2380, -26.2100

Tritanomaly

180.9280, 8.5300, -11.4220

Monochromacy



Original Color

174.5680, 25.9580, -40.9380

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0050, 9.6310, -14.8570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5680, 25.9580, -40.9380 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(174, 194, 76)` looks like.

```
.text, #text, p{  
    color:rgb(174, 194, 76)  
}
```

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(174, 194, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 194, 76) }
```

Border

The CSS property to change the border of an element to YIQ 174.5680, 25.9580, -40.9380 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(174, 194, 76) }
```


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

```
.border{ border-color:rgb(174, 194, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 194, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 194, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 194, 76);  
box-shadow:4px 4px 4px 4px rgb(174, 194,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5680, 25.9580, -40.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 194, 76) }
```

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

```
.background{ background-color: rgb(174,  
194, 76) }
```

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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