

Converting Colors

YIQ(174.2000, 29.8100,
-44.6700)

Have a look what the booklet for
YIQ(174.2000, 29.8100, -44.6700)
contains.

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Color

**YIQ(174.2000, 29.8100,
-44.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC341
RGB	175, 195, 65
RGB Percent	69%, 76%, 25%
CMY	0.3139, 0.2352, 0.7449
CMYK	0.10, 0.00, 0.67, 0.24
HSL	69°, 52%, 51%
HSV	69°, 67%, 76%
XYZ	38.1445, 48.5263, 12.3656
YIQ	174.2000, 29.8100, -44.6700

Conversions

Conversions Part 2

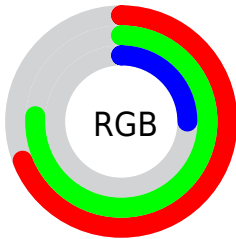
Format	Color
RYB	65, 195, 85
Decimal	11518785
CIELab	75.16, -24.10, 60.31
CIELCh	75, 64.950, 111.784
Yxy	48.5263, 0.3852, 0.4900
Android (android.graphics.Color)	4289708865 (0xFFAFC341)
YUV	174.2000, -53.8356, 0.7016
Hunter-Lab	69.6608, -24.1643, 38.2379

Details

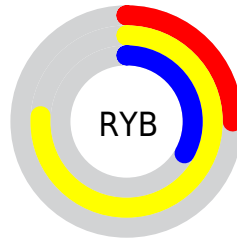
The YIQ color **174.2000, 29.8100, -44.6700** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **85.8000, -29.8100, 44.6700**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.2710, 31.0480, -45.0800**, and **118.3480, 32.1490, -48.5150** is the 20% darker color. If you saturate the color by 10%, you get **171.1370, 34.1210, -51.2150**, and if you desaturate by 10%, it is **177.3770, 25.1780, -37.8140**.

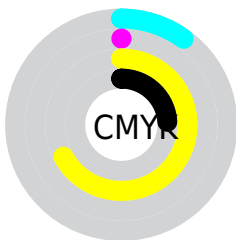
Distribution



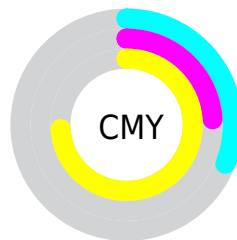
- Red (69%)
- Green (76%)
- Blue (25%)



- Red (25%)
- Yellow (76%)
- Blue (33%)



- Cyan (10%)
- Magenta (0%)
- Yellow (67%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.2000, 29.8100, -44.6700 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 174.2000, 29.8100, -44.6700 by changing the saturation by 10% instead.

■ 174.2000, 29.8100,
-44.6700

■ 174.2000, 29.8100,
-44.6700

255.0000, -0.0000,
-0.0000

■ 146.6730, 29.8560,
-45.5040

■ 231.2710, 31.0480,
-45.0800

■ 118.3480, 32.1490,
-48.5150

■ 242.6880, 34.6680,
-33.5880

■ 95.6000, 22.9320,
-41.1640

■ 245.8800, 25.6800,
-24.8800

■ 73.1510, 14.3110,
-33.6010

■ 249.0720, 16.6920,
-16.1720

■ 51.5770, 4.5440,
-27.2960

■ 252.3780, 7.3830,
-7.1530

■ 29.4050, -6.4150,
-21.4150

■ 15.8490, -7.4250,

-14.1210

■ 0.0000, 0.0000,
0.0000

■ 174.2000, 29.8100,
-44.6700

■ 174.2000, 29.8100,
-44.6700

■ 171.1370, 34.1210,
-51.2150

■ 177.3770, 25.1780,
-37.8140

■ 167.9600, 38.7530,
-58.0710

■ 180.4400, 20.8670,
-31.2690

■ 164.8970, 43.0640,
-64.6160

■ 183.6170, 16.2350,
-24.4130

■ 163.8000, 44.7150,
-67.0050

■ 186.6800, 11.9240,
-17.8680

■ 189.8570, 7.2920,
-11.0120

■ 192.9200, 2.9810,
-4.4670

■ 196.0970, -1.6510,
2.3890

■ 199.1600, -5.9620,
8.9340

■ 202.3370,
-10.5940, 15.7900

Harmonies

Analogous

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



179.1070, 70.3370, -24.7270



174.2000, 29.8100, -44.6700



163.9060, -31.0760, -53.5720

Triad

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



174.2000, 29.8100, -44.6700



151.7530, -139.3300, -30.0020



176.9850, 50.1960, 48.4680

Complementary

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



174.2000, 29.8100, -44.6700



85.8000, -29.8100, 44.6700

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.



190.0650, 20.8520, 51.6360



174.2000, 29.8100, -44.6700



144.7090, -136.0300, -23.7260

Square

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



174.2000, 29.8100, -44.6700



151.6100, -132.0380, -41.0140



179.6240, -36.0870, 20.7530



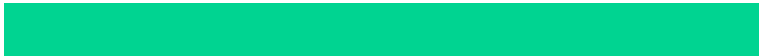
171.3190, 68.9060, 28.7620

Rectangle

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



174.2000, 29.8100, -44.6700



140.9740, -104.8450, -65.7810



179.6240, -36.0870, 20.7530



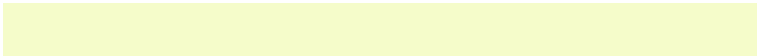
182.2000, 42.4010, 52.0730

Sweetspot

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



174.2000, 29.8100, -44.6700



244.2070, 11.8780, -17.0340



115.6100, 71.9800, 17.1000



122.9710, 6.9710, -10.7010



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.



174.2000, 29.8100, -44.6700



219.7030, 46.3660, -69.3940



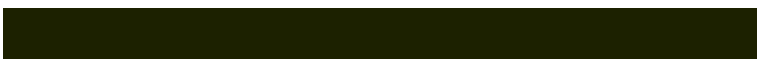
155.0640, -8.3340, -58.2380



95.2620, 2.0180, -3.5340



135.1710, 36.7810, -55.3710



27.7430, 7.6130, -11.3230

Inverse Universe

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



85.8000, -29.8100, 44.6700



82.5960, -45.7700, 69.6060



105.2350, 8.9300, 58.4500



88.7380, -2.0180, 3.5340



25.8290, -36.7810, 55.3710



5.2570, -7.6130, 11.3230

Previews

White Background



This preview shows how the YIQ color 174.2000, 29.8100, -44.6700 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 174.2000, 29.8100, -44.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

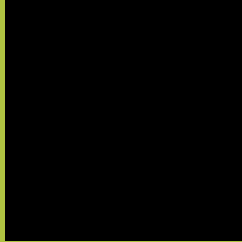
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.2000, 29.8100, -44.6700

Background



This preview shows how black text looks on a background with the YIQ color 174.2000, 29.8100, -44.6700.



This preview shows how white text looks on a background with the YIQ color 174.2000, 29.8100,

-44.6700.

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

174.2000, 29.8100, -44.6700

Protanopia

177.5560, 52.5950, -33.5890

Deuteranopia

180.2900, 65.5680, -20.8960



Tritanopia

185.5040, -1.2390, 5.9370

Trichromacy



Original Color

174.2000, 29.8100, -44.6700

Protanomaly

176.4300, 44.0220, -37.9140

Deuteranomaly

178.0770, 52.6860, -29.7300

Tritanomaly

181.4720, 9.8140, -12.6660

Monochromacy



Original Color

174.2000, 29.8100, -44.6700

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1360, 10.6400, -16.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.2000, 29.8100, -44.6700 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(175, 195, 65)` looks like.

```
.text, #text, p{  
    color:rgb(175, 195, 65)  
}
```

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(175, 195, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 195, 65) }
```

Border

The CSS property to change the border of an element to YIQ 174.2000, 29.8100, -44.6700 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(175, 195, 65) }
```


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

```
.border{ border-color:rgb(175, 195, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 195, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 195, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 195, 65);  
box-shadow:4px 4px 4px 4px rgb(175, 195,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 174.2000, 29.8100, -44.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 195, 65) }
```

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

```
.background{ background-color: rgb(175,  
195, 65) }
```

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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