

Converting Colors

YIQ(174.5060, 11.3330,
-45.7150)

Have a look what the booklet for
YIQ(174.5060, 11.3330, -45.7150)
contains.

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Color

**YIQ(174.5060, 11.3330,
-45.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC954
RGB	157, 201, 84
RGB Percent	62%, 79%, 33%
CMY	0.3845, 0.2117, 0.6704
CMYK	0.22, 0.00, 0.58, 0.21
HSL	83°, 52%, 56%
HSV	83°, 58%, 79%
XYZ	36.3883, 49.5859, 16.0478
YIQ	174.5060, 11.3330, -45.7150

Conversions

Conversions Part 2

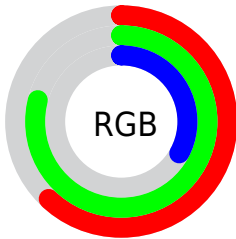
Format	Color
RYB	84, 201, 128
Decimal	10340692
CIELab	75.81, -32.69, 52.66
CIElCh	76, 61.979, 121.835
Yxy	49.5859, 0.3567, 0.4860
Android (android.graphics.Color)	4288530772 (0xFF9DC954)
YUV	174.5060, -44.6195, -15.3528
Hunter-Lab	70.4173, -30.9900, 35.7802

Details

The YIQ color **174.5060, 11.3330, -45.7150** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **110.4940, -11.3330, 45.7150**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.2890, 13.4420, -45.3900**, and **120.0930, 11.0580, -46.2380** is the 20% darker color. If you saturate the color by 10%, you get **169.8340, 12.9850, -53.6310**, and if you desaturate by 10%, it is **179.1780, 9.6810, -37.7990**.

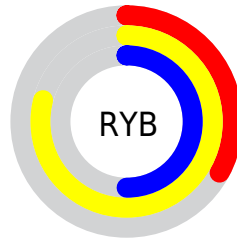
Distribution



Red (62%)

Green (79%)

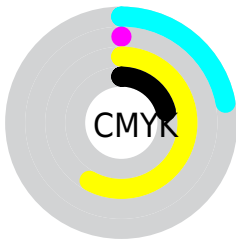
Blue (33%)



Red (33%)

Yellow (79%)

Blue (50%)

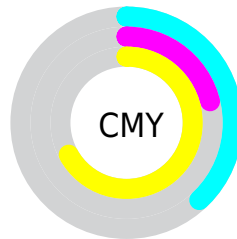


Cyan (22%)

Magenta (0%)

Yellow (58%)

Black (21%)



Cyan (38%)

Magenta (21%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5060, 11.3330, -45.7150 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 174.5060, 11.3330, -45.7150 by changing the saturation by 10% instead.

■ 174.5060, 11.3330,
-45.7150

■ 174.5060, 11.3330,
-45.7150

■ 255.0000, -0.0000,
-0.0000

■ 147.3210, 10.4160,
-45.6160

■ 229.2890, 13.4420,
-45.3900

■ 120.0930, 11.0580,
-46.2380

■ 241.1520, 21.7380,
-30.5340

■ 93.7510, 12.0210,
-47.1710

■ 247.9320, 19.9020,
-19.2820

■ 71.0030, 2.8040,
-39.8200

■ 251.1240, 10.9140,
-10.5740

■ 48.2440, -7.8800,
-33.4160

■ 254.4300, 1.6050,
-1.5550

■ 28.7630, -13.4750,
-25.6270

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 174.5060, 11.3330,
-45.7150

■ 174.5060, 11.3330,
-45.7150

■ 169.8340, 12.9850,
-53.6310

■ 179.1780, 9.6810,
-37.7990

■ 165.4610, 15.2330,
-61.3350

■ 183.5510, 7.4330,
-30.0950

■ 160.7890, 16.8850,
-69.2510

■ 188.2230, 5.7810,
-22.1790

■ 156.4160, 19.1330,
-76.9550

■ 192.5960, 3.5330,
-14.4750

■ 155.3620, 19.2250,
-78.6230

■ 197.3820, 1.5600,
-6.2480

■ 201.7550, -0.6880,
1.4560

■ 206.4270, -2.3400,
9.3720

■ 211.0990, -3.9920,
17.2880

■ 214.3320, -3.0300,
21.8820

Harmonies

Analogous

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



180.2900, 56.4000, -30.9600



174.5060, 11.3330, -45.7150



161.1020, -55.0550, -54.0230

Triad

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



174.5060, 11.3330, -45.7150



150.5790, -138.7800, -28.9560



177.2810, 54.8740, 40.7780

Complementary

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



174.5060, 11.3330, -45.7150



110.4940, -11.3330, 45.7150

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.



190.7090, 33.5980, 51.9180



174.5060, 11.3330, -45.7150



163.0030, -92.3390, -6.0590

Square

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



174.5060, 11.3330, -45.7150



153.6620, -137.8160, -35.4160



186.8660, -12.9810, 31.5230



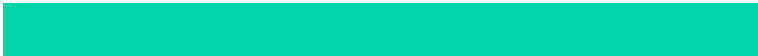
175.5930, 70.6500, 19.1780

Rectangle

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



174.5060, 11.3330, -45.7150



144.8840, -113.0990, -59.3630



186.8660, -12.9810, 31.5230



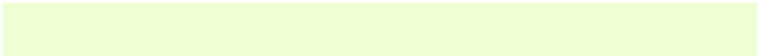
180.6210, 48.2250, 45.6410

Sweetspot

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



174.5060, 11.3330, -45.7150



245.3140, 4.2670, -16.7650



144.2240, 57.9070, 2.3150



122.0460, 2.3860, -10.2060



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.



174.5060, 11.3330, -45.7150



214.6750, 17.2060, -69.5620



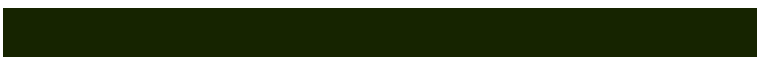
157.4630, -22.6390, -57.7990



97.0770, 1.1010, -3.4350



126.1790, 15.9670, -63.6250



27.7100, 3.2120, -14.1640

Inverse Universe

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



110.4940, -11.3330, 45.7150



117.3250, -17.2060, 69.5620



127.5370, 22.6390, 57.7990



91.9230, -1.1010, 3.4350



36.8210, -15.9670, 63.6250



7.9910, -3.8080, 13.9520

Previews

White Background



This preview shows how the YIQ color 174.5060, 11.3330, -45.7150 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 174.5060, 11.3330, -45.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

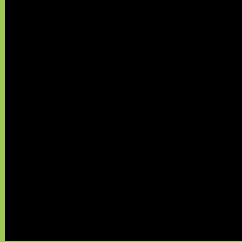
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.5060, 11.3330, -45.7150

Background



This preview shows how black text looks on a background with the YIQ color 174.5060, 11.3330, -45.7150.



This preview shows how white text looks on a background with the YIQ color 174.5060, 11.3330,

-45.7150.

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

174.5060, 11.3330, -45.7150

Protanopia

180.7820, 46.2670, -29.0370

Deuteranopia

183.0430, 59.1940, -15.5100



Tritanopia

185.6270, -14.9470, 1.0610

Trichromacy



Original Color

174.5060, 11.3330, -45.7150

Protanomaly

178.4490, 33.8430, -35.1570

Deuteranomaly

179.9110, 41.5900, -26.8740

Tritanomaly

181.4640, -4.9030, -15.7750

Monochromacy



Original Color

174.5060, 11.3330, -45.7150

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.4280, 3.9460, -16.4540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5060, 11.3330, -45.7150 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(157, 201, 84)` looks like.

```
.text, #text, p{  
    color:rgb(157, 201, 84)  
}
```

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(157, 201, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 201, 84) }
```

Border

The CSS property to change the border of an element to YIQ 174.5060, 11.3330, -45.7150 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(157, 201, 84) }
```


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

```
.border{ border-color:rgb(157, 201, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 201, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 201, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 201, 84);  
box-shadow:4px 4px 4px 4px rgb(157, 201,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5060, 11.3330, -45.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 201, 84) }
```

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

```
.background{ background-color: rgb(157,  
201, 84) }
```

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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