

Converting Colors

YIQ(184.6660, 21.4250,
-74.4390)

Have a look what the booklet for
YIQ(184.6660, 21.4250, -74.4390)
contains.

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Color

**YIQ(184.6660, 21.4250,
-74.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE322
RGB	159, 227, 34
RGB Percent	62%, 89%, 13%
CMY	0.3768, 0.1097, 0.8664
CMYK	0.30, 0.00, 0.85, 0.11
HSL	81°, 78%, 51%
HSV	81°, 85%, 89%
XYZ	42.0502, 62.4329, 11.3524
YIQ	184.6660, 21.4250, -74.4390

Conversions

Conversions Part 2

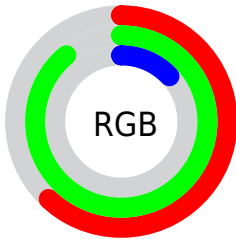
Format	Color
RYB	34, 227, 102
Decimal	10478370
CIELab	83.14, -46.35, 76.80
CIELCh	83, 89.707, 121.111
Yxy	62.4329, 0.3630, 0.5390
Android (android.graphics.Color)	4288668450 (0xFF9FE322)
YUV	184.6660, -74.2783, -22.5091
Hunter-Lab	79.0145, -43.2808, 46.7917

Details

The YIQ color **184.6660, 21.4250, -74.4390** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **76.3340, -21.4250, 74.4390**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2670, 27.7030, -56.0490**, and **130.5760, 13.1710, -68.0210** is the 20% darker color. If you saturate the color by 10%, you get **179.6520, 24.0400, -83.2880**, and if you desaturate by 10%, it is **189.6800, 18.8100, -65.5900**.

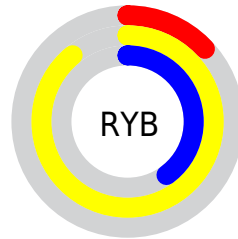
Distribution



Red (62%)

Green (89%)

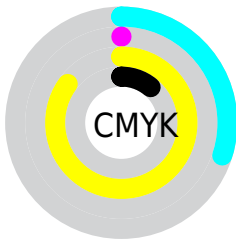
Blue (13%)



Red (13%)

Yellow (89%)

Blue (40%)

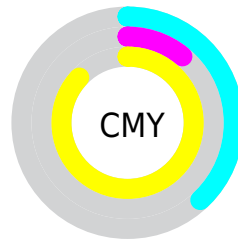


Cyan (30%)

Magenta (0%)

Yellow (85%)

Black (11%)



Cyan (38%)

Magenta (11%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.6660, 21.4250, -74.4390 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 184.6660, 21.4250, -74.4390 by changing the saturation by 10% instead.

184.6660, 21.4250,
-74.4390

184.6660, 21.4250,
-74.4390

255.0000, -0.0000,
-0.0000

155.6830, 22.7550,
-76.5170

226.2670, 27.7030,
-56.0490

130.2770, 12.5750,
-68.2330

238.5430, 36.2740,
-40.6700

105.4580, 2.1200,
-60.4720

243.9420, 31.1370,
-30.1670

80.9270, -9.2060,
-53.4460

247.3620, 21.5070,
-20.8370

54.5910, -25.5750,
-48.6390

250.6680, 12.1980,
-11.8180

39.9160, -18.7000,
-35.5640

254.0880, 2.5680,

27.0020, -12.6500,

-2.4880

-24.0580

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 184.6660, 21.4250,
-74.4390

■ 184.6660, 21.4250,
-74.4390

■ 179.6520, 24.0400,
-83.2880

■ 189.6800, 18.8100,
-65.5900

■ 177.2020, 25.1870,
-87.5570

■ 194.5800, 16.5160,
-57.0520

■ 199.5940, 13.9010,
-48.2030

■ 204.6080, 11.2860,
-39.3540

■ 209.6220, 8.6710,
-30.5050

■ 214.5220, 6.3770,
-21.9670

■ 219.5360, 3.7620,
-13.1180

■ 224.5500, 1.1470,
-4.2690

■ 229.4500, -1.1470,
4.2690

Harmonies

Analogous

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



192.7040, 89.3240, -54.9640



184.6660, 21.4250, -74.4390



154.5600, -104.5200, -88.2000

Triad

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



184.6660, 21.4250, -74.4390



167.6020, -146.7550, -44.1230



169.2230, 52.7620, 57.0340

Complementary

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



184.6660, 21.4250, -74.4390



76.3340, -21.4250, 74.4390

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.



189.2560, 30.8000, 58.5760



184.6660, 21.4250, -74.4390



155.8620, -141.2550, -33.6630

Square

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



184.6660, 21.4250, -74.4390



172.8850, -149.2300, -48.8300



198.6830, -8.2120, 27.6920



169.1530, 75.0050, 22.8530

Rectangle

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



184.6660, 21.4250, -74.4390



163.5200, -124.2380, -72.2540



198.6830, -8.2120, 27.6920



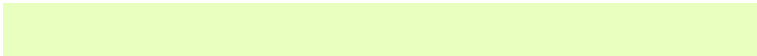
174.7630, 42.6740, 63.6500

Sweetspot

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



184.6660, 21.4250, -74.4390



240.8270, 6.8360, -24.7800



131.6230, 96.3280, 5.3520



119.3680, 4.1750, -15.0970



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.



184.6660, 21.4250, -74.4390



199.0200, 28.2150, -98.3850



155.9620, -35.7910, -94.7910



112.4360, 1.4680, -4.5800



139.4580, 19.3150, -69.2370



39.8040, 5.6430, -19.6770

Inverse Universe

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



76.3340, -21.4250, 74.4390



55.9800, -28.2150, 98.3850



105.0380, 35.7910, 94.7910



105.5640, -1.4680, 4.5800



39.2430, -19.9110, 69.0250



11.1960, -5.6430, 19.6770

Previews

White Background



This preview shows how the YIQ color 184.6660, 21.4250, -74.4390 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 184.6660, 21.4250, -74.4390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

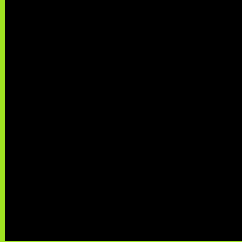
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.6660, 21.4250, -74.4390

Background



This preview shows how black text looks on a background with the YIQ color 184.6660, 21.4250, -74.4390.



This preview shows how white text looks on a background with the YIQ color 184.6660, 21.4250,

-74.4390.

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

184.6660, 21.4250, -74.4390

Protanopia

194.0690, 72.3590, -50.3690

Deuteranopia

201.3460, 71.1620, -23.1580



Tritanopia

203.9680, -23.3370, -1.0730

Trichromacy



Original Color

184.6660, 21.4250, -74.4390

Protanomaly

190.3330, 53.7000, -59.1320

Deuteranomaly

195.2860, 53.0550, -41.9290

Tritanomaly

197.0040, -6.9640, -27.9880

Monochromacy



Original Color

184.6660, 21.4250, -74.4390

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.8440, 8.1660, -26.8580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.6660, 21.4250, -74.4390 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(159, 227, 34)` looks like.

```
.text, #text, p{  
    color:rgb(159, 227, 34)  
}
```

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(159, 227, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 227, 34) }
```

Border

The CSS property to change the border of an element to YIQ 184.6660, 21.4250, -74.4390 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(159, 227, 34) }
```


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

```
.border{ border-color:rgb(159, 227, 34) }
```

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

Here you see how a box with a 4 pixel rgb(159, 227, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 227, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 227, 34);  
box-shadow:4px 4px 4px 4px rgb(159, 227,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 184.6660, 21.4250, -74.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 227, 34) }
```

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

```
.background{ background-color: rgb(159,  
227, 34) }
```

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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