

Converting Colors

YIQ(204.4400, 11.6990,
-41.3330)

Have a look what the booklet for
YIQ(204.4400, 11.6990, -41.3330)
contains.

YIQ(204.4400, 11.6990, -41.3330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(204.4400, 11.6990,
-41.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE479
RGB	190, 228, 121
RGB Percent	75%, 89%, 47%
CMY	0.2551, 0.1058, 0.5253
CMYK	0.17, 0.00, 0.47, 0.11
HSL	81°, 66%, 68%
HSV	81°, 47%, 89%
XYZ	52.4261, 67.8187, 28.4269
YIQ	204.4400, 11.6990, -41.3330

Conversions

Conversions Part 2

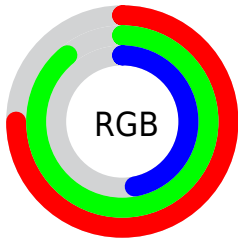
Format	Color
RYB	121, 228, 159
Decimal	12510329
CIELab	85.92, -29.24, 47.89
CIELCh	86, 56.111, 121.406
Yxy	67.8187, 0.3526, 0.4562
Android (android.graphics.Color)	4290700409 (0xFFBEE479)
YUV	204.4400, -41.1359, -12.6639
Hunter-Lab	82.3521, -30.4814, 37.1803

Details

The YIQ color **204.4400, 11.6990, -41.3330** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **144.5600, -11.6990, 41.3330**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.7870, 21.5080, -26.3640**, and **149.1950, 11.0110, -39.8770** is the 20% darker color. If you saturate the color by 10%, you get **199.4260, 14.3140, -50.1820**, and if you desaturate by 10%, it is **209.4540, 9.0840, -32.4840**.

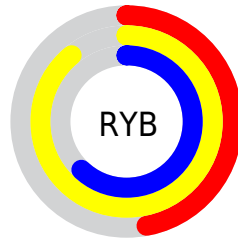
Distribution



Red (75%)

Green (89%)

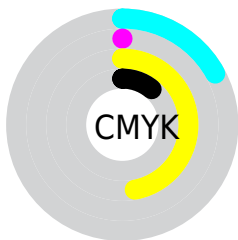
Blue (47%)



Red (47%)

Yellow (89%)

Blue (62%)

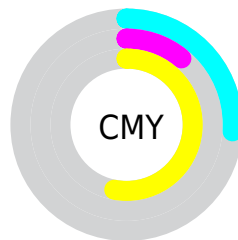


Cyan (17%)

Magenta (0%)

Yellow (47%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.4400, 11.6990, -41.3330 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 204.4400, 11.6990, -41.3330 by changing the saturation by 10% instead.

■ 204.4400, 11.6990,
-41.3330

■ 204.4400, 11.6990,
-41.3330

255.0000, -0.0000,
-0.0000

■ 176.6680, 11.0570,
-40.7110

■ 243.7870, 21.5080,
-26.3640

■ 149.1950, 11.0110,
-39.8770

■ 249.0720, 16.6920,
-16.1720

■ 122.8960, 10.4150,
-40.0890

■ 252.3780, 7.3830,
-7.1530

■ 96.1410, 11.1030,
-41.5450

■ 72.2100, 6.6550,
-38.0250

■ 50.6470, -1.6450,
-30.7730

■ 28.1760, -13.2000,

-25.1040

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 204.4400, 11.6990,
-41.3330

■ 204.4400, 11.6990,
-41.3330

■ 199.4260, 14.3140,
-50.1820

■ 209.4540, 9.0840,
-32.4840

■ 194.4120, 16.9290,
-59.0310


■ 214.4680, 6.4690,
-23.6350

■ 189.5120, 19.2230,
-67.5690


■ 219.3680, 4.1750,
-15.0970

■ 184.4980, 21.8380,
-76.4180

■ 224.3820, 1.5600,
-6.2480


 179.1850, 23.8570,
-85.4790

 229.6950, -0.4590,
2.8130

 177.7890, 24.9120,
-88.0800

 234.3670, -2.1110,
10.7290

 236.7590, 2.6570,
12.4250

 239.1510, 7.4250,
14.1210

Harmonies

Analogous

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



210.3700, 53.4190, -26.4930



204.4400, 11.6990, -41.3330



194.6520, -44.7400, -48.2280

Triad

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



204.4400, 11.6990, -41.3330



166.4280, -146.2050, -43.0770



201.0180, 36.2610, 31.1810

Complementary

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



204.4400, 11.6990, -41.3330



144.5600, -11.6990, 41.3330

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.



211.5620, 20.3500, 38.7020



204.4400, 11.6990, -41.3330



196.7810, -65.4710, -8.4070

Square

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



204.4400, 11.6990, -41.3330



170.5370, -148.1300, -46.7380



212.8480, -4.5430, 21.7690



198.6120, 51.3030, 11.8710

Rectangle

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



204.4400, 11.6990, -41.3330



179.1740, -99.1160, -53.9640



212.8480, -4.5430, 21.7690



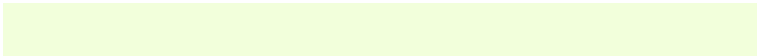
203.6570, 30.2080, 36.2560

Sweetspot

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



204.4400, 11.6990, -41.3330



247.0090, 3.8080, -13.9520



174.7120, 53.5970, 3.3330



123.1000, 2.2940, -8.5380



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.



204.4400, 11.6990, -41.3330



223.4490, 15.5070, -55.2850



188.5930, -19.8890, -52.5690



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.



144.5600, -11.6990, 41.3330



143.5510, -15.5070, 55.2850



160.4070, 19.8890, 52.5690



105.5640, -1.4680, 4.5800



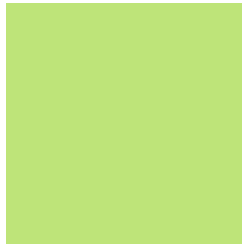
39.5420, -19.3150, 69.2370



11.1960, -5.6430, 19.6770

Previews

White Background



This preview shows how the YIQ color 204.4400, 11.6990, -41.3330 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 204.4400, 11.6990, -41.3330 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 204.4400, 11.6990, -41.3330

Background



This preview shows how black text looks on a background with the YIQ color 204.4400, 11.6990, -41.3330.



This preview shows how white text looks on a background with the YIQ color 204.4400, 11.6990, -41.3330.

-41.3330.

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

204.4400, 11.6990, -41.3330

Protanopia

209.4060, 44.5700, -25.8140

Deuteranopia

213.3550, 49.7480, -9.5160



Tritanopia

214.0620, -11.7380, 3.4780

Trichromacy



Original Color

204.4400, 11.6990, -41.3330

Protanomaly

207.4860, 32.4210, -31.4110

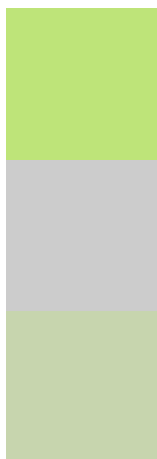
Deuteranomaly

209.9630, 35.8120, -21.2760

Tritanomaly

210.8280, -2.9320, -12.9480

Monochromacy



Original Color

204.4400, 11.6990, -41.3330

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.3680, 4.1750, -15.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.4400, 11.6990, -41.3330 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(190, 228, 121)` looks like.

```
.text, #text, p{  
    color:rgb(190, 228, 121)  
}
```

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(190, 228, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 228, 121) }
```

Border

The CSS property to change the border of an element to YIQ 204.4400, 11.6990, -41.3330 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(190, 228, 121) }
```


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

```
.border{ border-color:rgb(190, 228, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 228, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 228, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 228, 121); box-shadow:4px 4px 4px 4px rgb(190, 228, 121) }
```

Background

The CSS property to change the background color of an element to YIQ 204.4400, 11.6990, -41.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 228, 121) }
```

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

```
.background{ background-color: rgb(190,  
228, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor