

Converting Colors

YIQ(216.3250, 21.7880,
-53.4760)

Have a look what the booklet for
YIQ(216.3250, 21.7880, -53.4760)
contains.

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Color

**YIQ(216.3250, 21.7880,
-53.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF565
RGB	204, 245, 101
RGB Percent	80%, 96%, 40%
CMY	0.2002, 0.0391, 0.6037
CMYK	0.17, 0.00, 0.59, 0.04
HSL	77°, 88%, 68%
HSV	77°, 59%, 96%
XYZ	59.8977, 79.0862, 24.4331
YIQ	216.3250, 21.7880, -53.4760

Conversions

Conversions Part 2

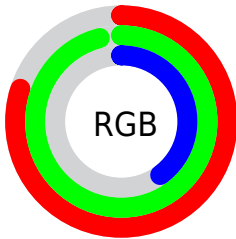
Format	Color
RYB	101, 245, 142
Decimal	13432165
CIELab	91.27, -33.71, 63.42
CIElCh	91, 71.821, 117.993
Yxy	79.0862, 0.3665, 0.4840
Android (android.graphics.Color)	4291622245 (0xFFCCCF565)
YUV	216.3250, -56.8552, -10.8090
Hunter-Lab	88.9304, -35.4024, 45.9617

Details

The YIQ color $216.3250, 21.7880, -53.4760$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $129.6750, -21.7880, 53.4760$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.7140, 31.7790, -30.7890$, and $159.9120, 21.5130, -53.9990$ is the 20% darker color. If you saturate the color by 10%, you get $211.4960, 25.3200, -62.4240$, and if you desaturate by 10%, it is $221.2680, 17.9350, -44.2170$.

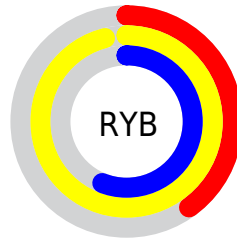
Distribution



Red (80%)

Green (96%)

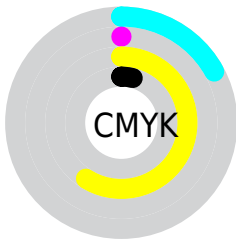
Blue (40%)



Red (40%)

Yellow (96%)

Blue (56%)

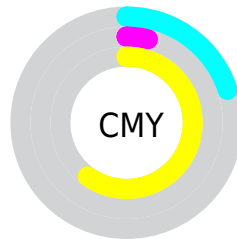


Cyan (17%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (20%)

Magenta (4%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.3250, 21.7880, -53.4760 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 216.3250, 21.7880, -53.4760 by changing the saturation by 10% instead.

216.3250, 21.7880,
-53.4760

216.3250, 21.7880,
-53.4760

255.0000, -0.0000,
-0.0000

187.4390, 21.4670,
-53.1650

243.7140, 31.7790,
-30.7890

159.9120, 21.5130,
-53.9990

247.0200, 22.4700,
-21.7700

130.0880, 26.6490,
-58.9750

250.3260, 13.1610,
-12.7510

106.4540, 17.1110,
-51.3130

253.6320, 3.8520,
-3.7320

83.7060, 7.8940,
-43.9620

60.3600, -2.5150,
-37.0350

35.8070, -16.7750,

-31.9030

■ 23.4800, -11.0000,
-20.9200

■ 5.2830, -2.4750,
-4.7070

■ 216.3250, 21.7880,
-53.4760

■ 216.3250, 21.7880,
-53.4760

■ 211.4960, 25.3200,
-62.4240

■ 221.2680, 17.9350,
-44.2170

■ 206.5530, 29.1730,
-71.6830


■ 226.0970, 14.4030,
-35.2690


■ 201.7240, 32.7050,
-80.6310


■ 231.0400, 10.5500,
-26.0100

■ 196.7810, 36.5580,
-89.8900


■ 235.8690, 7.0180,
-17.0620

 196.1400, 36.9250,
-91.0350

 240.8120, 3.1650,
-7.8030

 245.6410, -0.3670,
1.1450

 248.5320, 1.5580,
4.8060

 249.1300, 2.7500,
5.2300

Harmonies

Analogous

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



218.0100, 62.8200, -37.1800



216.3250, 21.7880, -53.4760



201.0280, -52.2110, -61.5150

Triad

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



216.3250, 21.7880, -53.4760



178.7550, -151.9800, -54.0600



202.5800, 29.1070, 39.6910

Complementary

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



216.3250, 21.7880, -53.4760



129.6750, -21.7880, 53.4760

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.



214.4970, 18.9750, 36.0870



216.3250, 21.7880, -53.4760



184.3130, -117.7800, -35.0920

Square

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



216.3250, 21.7880, -53.4760



178.7550, -151.9800, -54.0600



221.9630, -6.6050, 15.0830



198.8230, 49.3310, 14.5710

Rectangle

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



216.3250, 21.7880, -53.4760



172.3710, -134.0040, -71.4760



221.9630, -6.6050, 15.0830



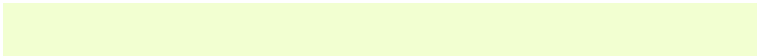
206.8660, 22.5500, 42.8860

Sweetspot

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



216.3250, 21.7880, -53.4760



245.8690, 7.0180, -17.0620



168.1230, 74.5490, 9.0850



122.0030, 3.9450, -10.9270



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.



216.3250, 21.7880, -53.4760



218.8180, 27.1090, -67.3150



194.7970, -21.1240, -68.7400



119.7350, 2.0640, -4.3680



148.9490, 28.1180, -69.0820



47.1910, 8.8070, -21.9530

Inverse Universe

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



129.6750, -21.7880, 53.4760



110.1820, -27.1090, 67.3150



151.2030, 21.1240, 68.7400



112.5640, -1.4680, 4.5800



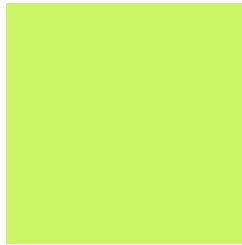
37.0510, -28.1180, 69.0820



11.8090, -8.8070, 21.9530

Previews

White Background



This preview shows how the YIQ color 216.3250, 21.7880, -53.4760 looks on a white background.

Color Contrast Check

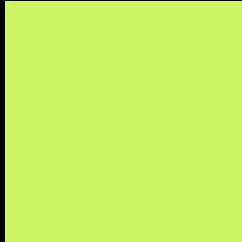
Large Text (above 18pt) WCAG AA × Fail

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 216.3250, 21.7880, -53.4760 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 216.3250, 21.7880, -53.4760

Background



This preview shows how black text looks on a background with the YIQ color 216.3250, 21.7880, -53.4760.



This preview shows how white text looks on a background with the YIQ color 216.3250, 21.7880, -53.4760.

-53.4760.

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

216.3250, 21.7880, -53.4760

Protanopia

222.4270, 57.2720, -35.7520

Deuteranopia

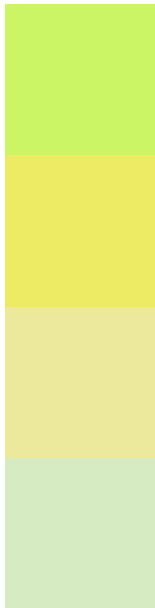
229.6380, 30.0780, -5.4580



Tritanopia

229.3610, -11.1420, 3.6900

Trichromacy



Original Color

216.3250, 21.7880, -53.4760

Protanomaly

219.7950, 44.2520, -42.0840

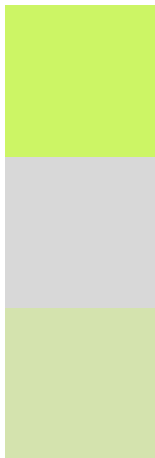
Deuteranomaly

224.5320, 26.7800, -22.7880

Tritanomaly

224.4600, 0.9200, -16.6800

Monochromacy



Original Color

216.3250, 21.7880, -53.4760

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.4730, 8.0730, -19.6630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.3250, 21.7880, -53.4760 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(204, 245, 101)` looks like.

```
.text, #text, p{  
    color:rgb(204, 245, 101)  
}
```

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(204, 245, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 245, 101) }
```

Border

The CSS property to change the border of an element to YIQ 216.3250, 21.7880, -53.4760 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(204, 245, 101) }
```


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

```
.border{ border-color:rgb(204, 245, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 245, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 245, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 245, 101);  
box-shadow:4px 4px 4px 4px rgb(204, 245,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 216.3250, 21.7880, -53.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 245, 101) }
```

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

```
.background{ background-color: rgb(204,  
245, 101) }
```

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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