

Converting Colors

YIQ(165.3430, 14.4910,
-14.8290)

Have a look what the booklet for
YIQ(165.3430, 14.4910, -14.8290)
contains.

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Color

**YIQ(165.3430, 14.4910,
-14.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	AAAB7C
RGB	170, 171, 124
RGB Percent	67%, 67%, 49%
CMY	0.3334, 0.3294, 0.5136
CMYK	0.01, 0.00, 0.27, 0.33
HSL	61°, 22%, 58%
HSV	61°, 27%, 67%
XYZ	34.7784, 39.1269, 24.7960
YIQ	165.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

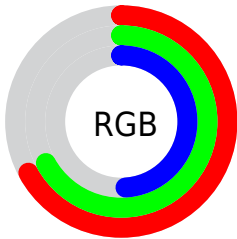
Format	Color
RYB	124, 171, 125
Decimal	11185020
CIELab	68.84, -8.08, 24.15
CIElCh	69, 25.463, 108.498
Yxy	39.1269, 0.3524, 0.3964
Android (android.graphics.Color)	4289375100 (0xFFAAAB7C)
YUV	165.3430, -20.3821, 4.0842
Hunter-Lab	62.5515, -10.2199, 20.2830

Details

The YIQ color $165.3430, 14.4910, -14.8290$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $129.6570, -14.4910, 14.8290$, and the grayscale version is $166.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $220.4140, 15.7290, -15.2390$, and $113.3860, 12.9320, -14.1080$ is the 20% darker color. If you saturate the color by 10%, you get $163.4050, 19.9480, -20.1160$, and if you desaturate by 10%, it is $167.2810, 9.0340, -9.5420$.

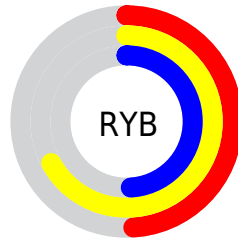
Distribution



Red (67%)

Green (67%)

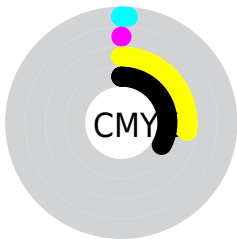
Blue (49%)



Red (49%)

Yellow (67%)

Blue (49%)

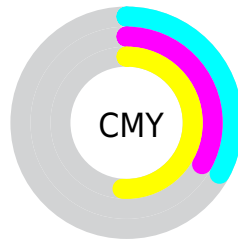


Cyan (1%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.3430, 14.4910, -14.8290 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 165.3430, 14.4910, -14.8290 by changing the saturation by 10% instead.

■ 165.3430, 14.4910,
-14.8290

■ 165.3430, 14.4910,
-14.8290

■ 255.0000, -0.0000,
-0.0000

■ 139.1580, 13.5740,
-14.7300

■ 220.4140, 15.7290,
-15.2390

■ 113.3860, 12.9320,
-14.1080

■ 249.1860, 16.3710,
-15.8610

■ 88.5000, 12.6110,
-13.7970

■ 252.4920, 7.0620,
-6.8420

■ 65.3150, 11.6940,
-13.6980

■ 42.3150, 11.6940,
-13.6980

■ 23.3130, 6.0080,
-9.7680

■ 0.0000, 0.0000,

0.0000

■ 165.3430, 14.4910,
-14.8290

■ 165.3430, 14.4910,
-14.8290

■ 163.4050, 19.9480,
-20.1160

■ 167.2810, 9.0340,
-9.5420

■ 161.1680, 24.8090,
-25.6150

■ 169.5180, 4.1730,
-4.0430

■ 159.2300, 30.2660,
-30.9020

■ 171.4560, -1.2840,
1.2440

■ 157.2920, 35.7230,
-36.1890

■ 173.3940, -6.7410,
6.5310

■ 155.0550, 40.5840,
-41.6880

■ 175.7450,
-11.9230, 12.3410

■ 153.0030, 46.3620,
-47.2860

■ 177.6830,
-17.3800, 17.6280

■ 150.7660, 51.2230,
-52.7850

■ 179.9200,
-22.2410, 23.1270

■ 150.3100, 52.5070,
-54.0290

■ 181.1740,
-25.7720, 26.5480

Harmonies

Analogous

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



167.4100, 30.7200, -6.0800



165.3430, 14.4910, -14.8290



162.5730, -6.8280, -19.4360

Triad

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



165.3430, 14.4910, -14.8290



158.6100, -51.8080, -8.2240



171.7080, 25.0300, 19.9580

Complementary

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



165.3430, 14.4910, -14.8290



129.6570, -14.4910, 14.8290

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.



171.3560, 5.5900, 19.8460



165.3430, 14.4910, -14.8290



163.8060, -40.2560, 2.6880

Square

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



165.3430, 14.4910, -14.8290



157.1940, -48.0010, -16.6490



168.7490, -17.7460, 13.2460



171.0650, 36.9060, 13.9780

Rectangle

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



165.3430, 14.4910, -14.8290



160.4340, -22.5540, -20.7780



168.7490, -17.7460, 13.2460



171.5980, 19.5280, 20.5520

Sweetspot

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



165.3430, 14.4910, -14.8290



219.6490, 5.1820, -5.8100



138.6400, 27.7370, 9.4410



110.7460, 3.5310, -3.4210



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.3430, 14.4910, -14.8290



213.0800, 22.2410, -23.1270



158.4660, 0.7830, -19.7050



85.9740, 2.8890, -2.7990



132.0030, 46.3620, -47.2860



20.0790, 6.7870, -7.3650

Inverse Universe

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



129.6570, -14.4910, 14.8290



157.6210, -22.8370, 22.9150



136.5340, -0.7830, 19.7050



79.0260, -2.8890, 2.7990



17.9970, -46.3620, 47.2860



2.6220, -7.3830, 7.1530

Previews

White Background



This preview shows how the YIQ color 165.3430, 14.4910, -14.8290 looks on a white background.

Color Contrast Check

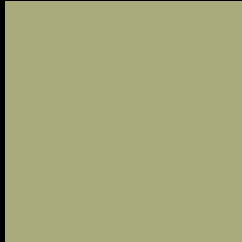
Large Text (above 18pt) WCAG AA × Fail

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 165.3430, 14.4910, -14.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

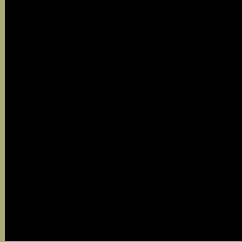
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.3430, 14.4910, -14.8290

Background



This preview shows how black text looks on a background with the YIQ color 165.3430, 14.4910, -14.8290.



This preview shows how white text looks on a background with the YIQ color 165.3430, 14.4910, -14.8290.

-14.8290.

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

165.3430, 14.4910, -14.8290

Protanopia

166.4580, 21.5970, -11.4510

Deuteranopia

168.0730, 33.2870, -3.0410



Tritanopia

169.3690, 3.5750, 6.7990

Trichromacy



Original Color

165.3430, 14.4910, -14.8290

Protanomaly

165.8490, 18.9380, -12.8220

Deuteranomaly

167.3170, 26.5480, -7.5640

Tritanomaly

168.0670, 7.0610, -1.3150

Monochromacy



Original Color

165.3430, 14.4910, -14.8290

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0620, 5.4570, -5.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3430, 14.4910, -14.8290 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(170, 171, 124)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 124)  
}
```

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(170, 171, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 124) }
```

Border

The CSS property to change the border of an element to YIQ 165.3430, 14.4910, -14.8290 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(170, 171, 124) }
```


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

```
.border{ border-color:rgb(170, 171, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 171, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 124);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3430, 14.4910, -14.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 171, 124) }
```

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

```
.background{ background-color: rgb(170,  
171, 124) }
```

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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