

Converting Colors

YIQ(165.2510, 0.5510, -4.4810)

Have a look what the booklet for
YIQ(165.2510, 0.5510, -4.4810)
contains.

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Color

**YIQ(165.2510, 0.5510,
-4.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A89D
RGB	163, 168, 157
RGB Percent	64%, 66%, 62%
CMY	0.3608, 0.3412, 0.3843
CMYK	0.03, 0.00, 0.07, 0.34
HSL	87°, 6%, 64%
HSV	87°, 7%, 66%
XYZ	35.1923, 38.2265, 37.4231
YIQ	165.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

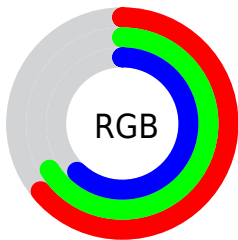
Format	Color
RYB	157, 168, 162
Decimal	10725533
CIELab	68.19, -3.84, 5.06
CIELCh	68, 6.347, 127.209
Yxy	38.2265, 0.3175, 0.3449
Android (android.graphics.Color)	4288915613 (0xFFA3A89D)
YUV	165.2510, -4.0677, -1.9741
Hunter-Lab	61.8276, -6.5958, 7.3921

Details

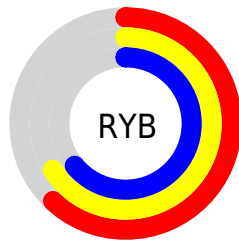
The YIQ color $165.2510, 0.5510, -4.4810$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $159.7490, -0.5510, 4.4810$, and the grayscale version is $165.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.2510, 0.5510, -4.4810$, and $113.3650, 0.2300, -4.1700$ is the 20% darker color. If you saturate the color by 10%, you get $160.9210, 1.2400, -11.4640$, and if you desaturate by 10%, it is $169.5810, -0.1380, 2.5020$.

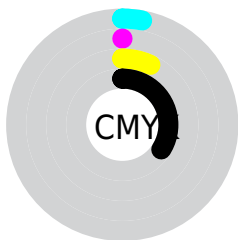
Distribution



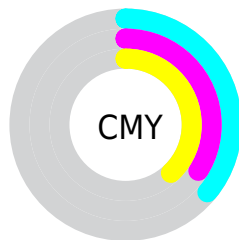
- Red (64%)
- Green (66%)
- Blue (62%)



- Red (62%)
- Yellow (66%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)





- Cyan (36%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.2510, 0.5510, -4.4810 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 165.2510, 0.5510, -4.4810 by changing the saturation by 10% instead.

 165.2510, 0.5510,
-4.4810

 165.2510, 0.5510,
-4.4810


255.0000, -0.0000,
-0.0000

 139.2510, 0.5510,
-4.4810


 220.2510, 0.5510,
-4.4810

 113.3650, 0.2300,
-4.1700

 248.8380, 0.2760,
-5.0040

 88.7780, 0.5050,
-3.6470

 65.7780, 0.5050,
-3.6470

 43.7780, 0.5050,
-3.6470

 23.0770, 1.1010,
-3.4350

 0.0000, 0.0000,

0.0000

■ 165.2510, 0.5510,
-4.4810

■ 165.2510, 0.5510,
-4.4810

■ 160.9210, 1.2400,
-11.4640

■ 169.5810, -0.1380,
2.5020

■ 156.8900, 2.5250,
-18.2350

■ 173.6120, -1.4230,
9.2730

■ 152.6740, 2.8930,
-24.9070

■ 177.8280, -1.7910,
15.9450

■ 148.3440, 3.5820,
-31.8900

■ 182.1580, -2.4800,
22.9280

■ 144.3130, 4.8670,
-38.6610

■ 186.1890, -3.7650,
29.6990

■ 139.9830, 5.5560,
-45.6440

■ 190.1770, -3.4910,
35.7490

■ 135.6530, 6.2450,
-52.6270

■ 192.5690, 1.2770,
37.4450

■ 131.7360, 7.2090,
-59.0870

■ 194.6620, 5.4490,
38.9290

■ 127.4060, 7.8980,
-66.0700

■ 197.0540, 10.2170,
40.6250

Harmonies

Analogous

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



165.9420, 5.9150, -2.5730



165.2510, 0.5510, -4.4810



164.6140, -4.9050, -4.7210

Triad

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



165.2510, 0.5510, -4.4810



165.4380, -10.0410, 0.2550



167.4250, 9.1690, 4.5370

Complementary

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



165.2510, 0.5510, -4.4810



159.7490, -0.5510, 4.4810

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.



167.5000, 4.5840, 5.0320



165.2510, 0.5510, -4.4810



166.0580, -5.9150, 2.5730

Square

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



165.2510, 0.5510, -4.4810



164.6720, -10.8200, -2.1480



166.7490, -0.5510, 4.4810



167.3280, 10.8200, 2.1480

Rectangle

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



165.2510, 0.5510, -4.4810



164.6460, -7.9310, -4.9470



166.7490, -0.5510, 4.4810



167.3540, 7.9310, 4.9470

Sweetspot

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



165.2510, 0.5510, -4.4810



217.9460, 0.0920, -1.6680



163.2240, 5.1810, -0.2830



109.3590, 0.3670, -1.1450



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



165.2510, 0.5510, -4.4810



214.6700, 0.6890, -6.9830



163.7560, -2.4290, -5.5410



81.8920, 0.1840, -3.3360



111.0950, 7.5760, -60.2320



15.0290, 1.0560, -8.1280

Inverse Universe

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



159.7490, -0.5510, 4.4810



206.3300, -0.6890, 6.9830



161.2440, 2.4290, 5.5410



78.1080, -0.1840, 3.3360



36.9050, -7.5760, 60.2320



4.9710, -1.0560, 8.1280

Previews

White Background



This preview shows how the YIQ color 165.2510, 0.5510, -4.4810 looks on a white background.

Color Contrast Check

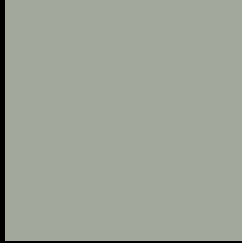
Large Text (above 18pt) WCAG AA × Fail

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 165.2510, 0.5510, -4.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

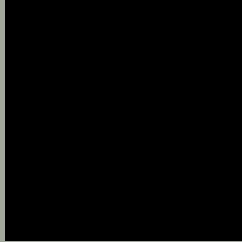
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

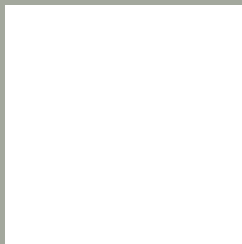
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 165.2510, 0.5510, -4.4810

Background



This preview shows how black text looks on a background with the YIQ color 165.2510, 0.5510, -4.4810.



This preview shows how white text looks on a background with the YIQ color 165.2510, 0.5510,

-4.4810.

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

165.2510, 0.5510, -4.4810

Protanopia

166.0670, 7.0610, -1.3150

Deuteranopia

167.3610, 15.2210, 4.9890



Tritanopia

166.7810, -3.5770, 4.2550

Trichromacy



Original Color

165.2510, 0.5510, -4.4810

Protanomaly

165.7570, 4.9980, -2.4740

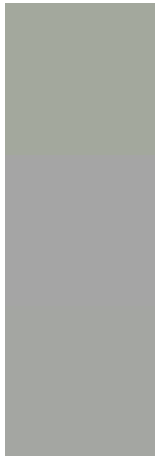
Deuteranomaly

166.6160, 9.9490, 1.4130

Tritanomaly

166.1570, -1.8800, 1.0320

Monochromacy



Original Color

165.2510, 0.5510, -4.4810

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9460, 0.0920, -1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.2510, 0.5510, -4.4810 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(163, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(163, 168, 157)  
}
```

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(163, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 168, 157) }
```

Border

The CSS property to change the border of an element to YIQ 165.2510, 0.5510, -4.4810 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(163, 168, 157) }
```


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

```
.border{ border-color:rgb(163, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(163, 168,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 165.2510, 0.5510, -4.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 168, 157) }
```

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

```
.background{ background-color: rgb(163,  
168, 157) }
```

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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