

Converting Colors

YIQ(165.1440, 8.1620, -4.7500)

Have a look what the booklet for
YIQ(165.1440, 8.1620, -4.7500)
contains.

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Color

**YIQ(165.1440, 8.1620,
-4.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA694
RGB	170, 166, 148
RGB Percent	67%, 65%, 58%
CMY	0.3333, 0.3490, 0.4196
CMYK	0.00, 0.02, 0.13, 0.33
HSL	49°, 11%, 62%
HSV	49°, 13%, 67%
XYZ	35.5596, 37.9563, 33.4740
YIQ	165.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

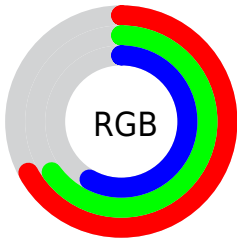
Format	Color
RYB	153, 170, 148
Decimal	11183764
CIELab	67.99, -1.74, 9.82
CIELCh	68, 9.977, 100.025
Yxy	37.9563, 0.3324, 0.3548
Android (android.graphics.Color)	4289373844 (0xFFAAA694)
YUV	165.1440, -8.4520, 4.2587
Hunter-Lab	61.6087, -4.7877, 10.9119

Details

The YIQ color **165.1440, 8.1620, -4.7500** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152.8560, -8.1620, 4.7500**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.0300, 8.4830, -5.0610**, and **113.2580, 7.8410, -4.4390** is the 20% darker color. If you saturate the color by 10%, you get **161.4450, 14.4440, -8.4680**, and if you desaturate by 10%, it is **168.8430, 1.8800, -1.0320**.

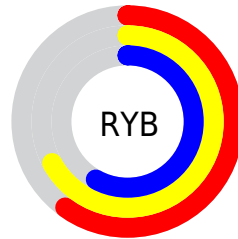
Distribution



Red (67%)

Green (65%)

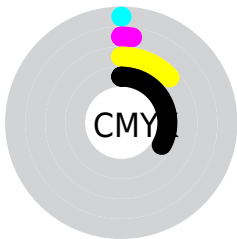
Blue (58%)



Red (60%)

Yellow (67%)

Blue (58%)

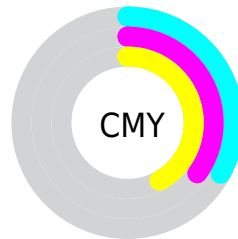


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.1440, 8.1620, -4.7500 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 165.1440, 8.1620, -4.7500 by changing the saturation by 10% instead.

■ 165.1440, 8.1620,
-4.7500

■ 165.1440, 8.1620,
-4.7500

255.0000, -0.0000,
-0.0000

■ 138.8450, 7.5660,
-4.9620

■ 220.0300, 8.4830,
-5.0610

■ 113.2580, 7.8410,
-4.4390

■ 248.9160, 8.8040,
-5.3720

■ 89.0730, 6.9240,
-4.3400

■ 65.1870, 6.6030,
-4.0290

■ 43.3010, 6.2820,
-3.7180

■ 22.7310, 7.8870,
-5.2730

■ 0.0000, 0.0000,

0.0000

■ 165.1440, 8.1620,
-4.7500

■ 165.1440, 8.1620,
-4.7500

■ 161.4450, 14.4440,
-8.4680

■ 168.8430, 1.8800,
-1.0320

■ 157.7460, 20.7260,
-12.1860

■ 172.5420, -4.4020,
2.6860

■ 154.0470, 27.0080,
-15.9040

■ 176.2410,
-10.6840, 6.4040

■ 150.3480, 33.2900,
-19.6220

■ 179.9400,
-16.9660, 10.1220

■ 146.6490, 39.5720,
-23.3400

■ 183.6390,
-23.2480, 13.8400

■ 142.3630, 46.1290,
-26.5350

■ 187.9250,
-29.8050, 17.0350

■ 138.6640, 52.4110,
-30.2530

■ 190.2560,
-32.2350, 17.0210

■ 134.9650, 58.6930,
-33.9710

■ 192.0170,
-33.0600, 15.4520

■ 132.4230, 63.0950,
-36.6570

■ 193.7780,
-33.8850, 13.8830

Harmonies

Analogous

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



166.1880, 14.0300, -0.9620



165.1440, 8.1620, -4.7500



164.3710, 0.0930, -7.1950

Triad

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



165.1440, 8.1620, -4.7500



163.0240, -17.7430, -3.3350



167.3480, 8.0680, 7.9720

Complementary

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



165.1440, 8.1620, -4.7500



152.8560, -8.1620, 4.7500

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.



166.6290, -0.0930, 7.1950



165.1440, 8.1620, -4.7500



164.2140, -15.2220, 0.5380

Square

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



165.1440, 8.1620, -4.7500



162.5850, -15.1290, -6.6570



165.5570, -8.7580, 4.5380



167.8170, 13.9370, 6.2330

Rectangle

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



165.1440, 8.1620, -4.7500



163.3210, -5.6380, -7.9580



165.5570, -8.7580, 4.5380



167.6790, 5.6380, 7.9580

Sweetspot

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



165.1440, 8.1620, -4.7500



219.8000, 3.4390, -1.7530



155.0340, 11.8280, 5.9080



110.8430, 1.8800, -1.0320



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.



165.1440, 8.1620, -4.7500



213.7870, 13.4810, -7.5350



165.3990, 2.8900, -8.3260



82.5010, 2.8430, -1.9650



115.2790, 54.9330, -31.9070



15.9590, 7.2450, -4.6510

Inverse Universe

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



152.8560, -8.1620, 4.7500



194.2130, -13.4810, 7.5350



152.6010, -2.8900, 8.3260



77.4990, -2.8430, 1.9650



32.7210, -54.9330, 31.9070



4.6280, -7.5200, 4.1280

Previews

White Background



This preview shows how the YIQ color 165.1440, 8.1620, -4.7500 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 165.1440, 8.1620, -4.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

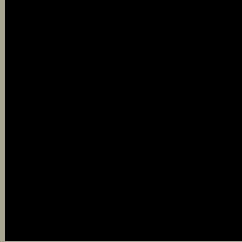
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

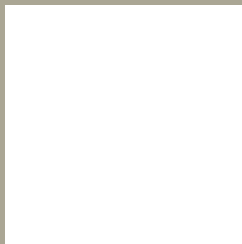
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 165.1440, 8.1620, -4.7500

Background



This preview shows how black text looks on a background with the YIQ color 165.1440, 8.1620, -4.7500.



This preview shows how white text looks on a background with the YIQ color 165.1440, 8.1620,

-4.7500.

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

165.1440, 8.1620, -4.7500

Protanopia

165.4540, 10.2250, -3.5910

Deuteranopia

167.1180, 20.2190, 2.5150



Tritanopia

167.0700, 2.9790, 6.5870

Trichromacy



Original Color

165.1440, 8.1620, -4.7500

Protanomaly

165.1550, 9.6290, -3.8030

Deuteranomaly

166.1990, 15.4970, -0.0150

Tritanomaly

166.2180, 5.3180, 2.7420

Monochromacy



Original Color

165.1440, 8.1620, -4.7500

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9140, 3.1180, -1.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.1440, 8.1620, -4.7500 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, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(170, 166, 148)  
}
```

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, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 166, 148) }
```

Border

The CSS property to change the border of an element to YIQ 165.1440, 8.1620, -4.7500 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, 166, 148) }
```


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

```
.border{ border-color:rgb(170, 166, 148) }
```

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

Here you see how a box with a 4 pixel rgb(170, 166, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(170, 166,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 165.1440, 8.1620, -4.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 166, 148) }
```

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

```
.background{ background-color: rgb(170,  
166, 148) }
```

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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