

Converting Colors

YIQ(165.3390, 3.1190, -6.9690)

Have a look what the booklet for
YIQ(165.3390, 3.1190, -6.9690)
contains.

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Color

**YIQ(165.3390, 3.1190,
-6.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A996
RGB	164, 169, 150
RGB Percent	64%, 66%, 59%
CMY	0.3569, 0.3372, 0.4117
CMYK	0.03, 0.00, 0.11, 0.34
HSL	76°, 10%, 63%
HSV	76°, 11%, 66%
XYZ	35.0025, 38.4708, 34.4379
YIQ	165.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

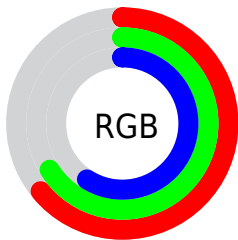
Format	Color
RYB	150, 169, 155
Decimal	10791318
CIELab	68.37, -5.26, 9.19
CIELCh	68, 10.589, 119.761
Yxy	38.4708, 0.3244, 0.3565
Android (android.graphics.Color)	4288981398 (0xFFA4A996)
YUV	165.3390, -7.5621, -1.1743
Hunter-Lab	62.0248, -7.8104, 10.4980

Details

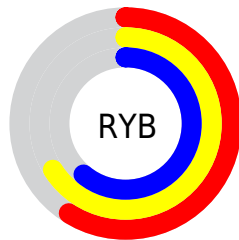
The YIQ color **165.3390, 3.1190, -6.9690** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153.6610, -3.1190, 6.9690**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.2250, 3.4400, -7.2800**, and **113.4530, 2.7980, -6.6580** is the 20% darker color. If you saturate the color by 10%, you get **162.2050, 6.1920, -13.1040**, and if you desaturate by 10%, it is **168.4730, 0.0460, -0.8340**.

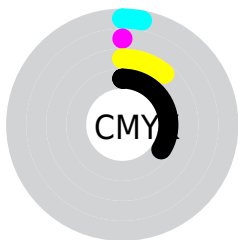
Distribution



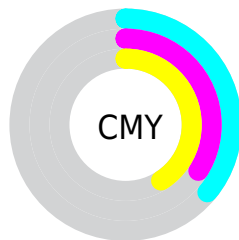
- Red (64%)
- Green (66%)
- Blue (59%)



- Red (59%)
- Yellow (66%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)



- Cyan (36%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.3390, 3.1190, -6.9690 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 165.3390, 3.1190, -6.9690 by changing the saturation by 10% instead.

■ 165.3390, 3.1190,
-6.9690

■ 165.3390, 3.1190,
-6.9690

255.0000, -0.0000,
-0.0000

■ 139.3390, 3.1190,
-6.9690

■ 220.2250, 3.4400,
-7.2800

■ 113.4530, 2.7980,
-6.6580

■ 248.8120, 3.1650,
-7.8030

■ 88.8660, 3.0730,
-6.1350

■ 65.6810, 2.1560,
-6.0360

■ 43.6810, 2.1560,
-6.0360

■ 23.0510, 3.9900,
-6.2340

■ 0.0000, 0.0000,

0.0000

■ 165.3390, 3.1190,
-6.9690

■ 165.3390, 3.1190,
-6.9690

■ 162.2050, 6.1920,
-13.1040

■ 168.4730, 0.0460,
-0.8340

■ 158.7720, 8.6690,
-19.4510

■ 171.9060, -2.4310,
5.5130

■ 155.6380, 11.7420,
-25.5860

■ 175.0400, -5.5040,
11.6480

■ 152.2050, 14.2190,
-31.9330

■ 178.4730, -7.9810,
17.9950

■ 149.1850, 16.9710,
-37.7570

■ 181.6070,
-11.0540, 24.1300

■ 145.7520, 19.4480,
-44.1040

■ 184.9260,
-13.2100, 30.1660

■ 142.6180, 22.5210,
-50.2390

■ 186.5780,
-12.1100, 32.2580

■ 139.1850, 24.9980,
-56.5860

■ 188.0730, -9.1300,
33.3180

■ 136.2790, 27.4290,
-62.0990

■ 189.2690, -6.7460,
34.1660

Harmonies

Analogous

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



166.6390, 11.1420, -3.6900



165.3390, 3.1190, -6.9690



164.0220, -6.2340, -8.1700

Triad

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



165.3390, 3.1190, -6.9690



164.6050, -17.8810, -0.8330



168.5720, 13.2490, 7.6890

Complementary

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



165.3390, 3.1190, -6.9690



153.6610, -3.1190, 6.9690

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.



168.6790, 5.6380, 7.9580



165.3390, 3.1190, -6.9690



166.1760, -12.0590, 3.7890

Square

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



165.3390, 3.1190, -6.9690



163.7850, -18.5680, -4.9040



167.6610, -3.1190, 6.9690



168.4320, 16.4590, 4.5790

Rectangle

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



165.3390, 3.1190, -6.9690



163.4990, -12.0110, -8.0990



167.6610, -3.1190, 6.9690



168.9030, 10.8190, 7.6750

Sweetspot

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



165.3390, 3.1190, -6.9690



218.0170, 1.3300, -2.0780



158.6160, 9.9490, 1.4130



108.8320, 0.4130, -1.9790



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.



165.3390, 3.1190, -6.9690



213.7150, 4.8160, -10.1920



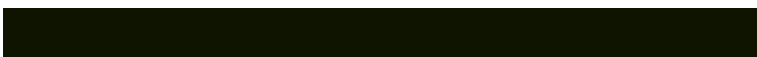
162.6480, -2.2450, -8.8770



82.4900, 1.3760, -2.9120



119.4670, 24.2640, -54.2960



16.2250, 3.4400, -7.2800

Inverse Universe

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



153.6610, -3.1190, 6.9690



196.2850, -4.8160, 10.1920



156.3520, 2.2450, 8.8770



77.5100, -1.3760, 2.9120



28.5330, -24.2640, 54.2960



3.7750, -3.4400, 7.2800

Previews

White Background



This preview shows how the YIQ color 165.3390, 3.1190, -6.9690 looks on a white background.

Color Contrast Check

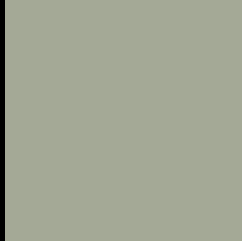
Large Text (above 18pt) WCAG AA × Fail

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 165.3390, 3.1190, -6.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

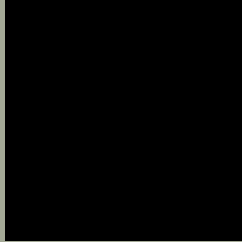
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

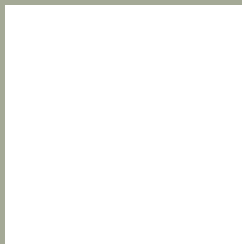
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 165.3390, 3.1190, -6.9690

Background



This preview shows how black text looks on a background with the YIQ color 165.3390, 3.1190, -6.9690.



This preview shows how white text looks on a background with the YIQ color 165.3390, 3.1190,

-6.9690.

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

165.3390, 3.1190, -6.9690

Protanopia

166.3400, 10.5460, -3.9020

Deuteranopia

168.0470, 18.9810, 2.9250



Tritanopia

167.3790, -2.3850, 4.6790

Trichromacy



Original Color

165.3390, 3.1190, -6.9690

Protanomaly

165.8450, 7.5660, -4.9620

Deuteranomaly

167.0030, 13.1130, -0.8630

Tritanomaly

166.5270, -0.0460, 0.8340

Monochromacy



Original Color

165.3390, 3.1190, -6.9690

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3390, 3.1190, -6.9690 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(164, 169, 150)` looks like.

```
.text, #text, p{  
    color:rgb(164, 169, 150)  
}
```

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(164, 169, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 169, 150) }
```

Border

The CSS property to change the border of an element to YIQ 165.3390, 3.1190, -6.9690 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(164, 169, 150) }
```


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

```
.border{ border-color:rgb(164, 169, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 169, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 169, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 169, 150);  
box-shadow:4px 4px 4px 4px rgb(164, 169,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3390, 3.1190, -6.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 169, 150) }
```

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

```
.background{ background-color: rgb(164,  
169, 150) }
```

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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