

Converting Colors

YIQ(156.9390, 1.9700, 8.3540)

Have a look what the booklet for
YIQ(156.9390, 1.9700, 8.3540)
contains.

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Color

**YIQ(156.9390, 1.9700,
8.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	A497A9
RGB	164, 151, 169
RGB Percent	64%, 59%, 66%
CMY	0.3568, 0.4078, 0.3373
CMYK	0.03, 0.11, 0.00, 0.34
HSL	283°, 9%, 63%
HSV	283°, 11%, 66%
XYZ	33.5391, 32.8896, 42.1160
YIQ	156.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

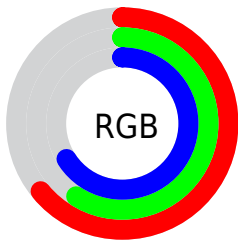
Format	Color
RYB	164, 151, 169
Decimal	10786729
CIELab	64.07, 8.19, -7.67
CIELCh	64, 11.219, 316.883
Yxy	32.8896, 0.3090, 0.3030
Android (android.graphics.Color)	4288976809 (0xFFA497A9)
YUV	156.9390, 5.9461, 6.1925
Hunter-Lab	57.3495, 4.0286, -3.3964

Details

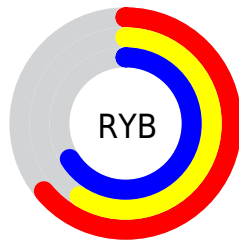
The YIQ color **156.9390, 1.9700, 8.3540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163.0610, -1.9700, -8.3540**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.3520, 2.2450, 8.8770**, and **105.5260, 1.6950, 7.8310** is the 20% darker color. If you saturate the color by 10%, you get **145.4650, 3.6650, 16.1850**, and if you desaturate by 10%, it is **168.4130, 0.2750, 0.5230**.

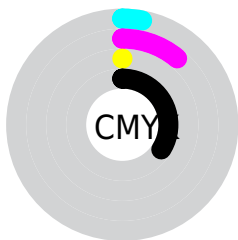
Distribution



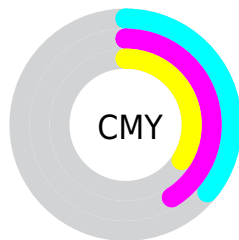
- Red (64%)
- Green (59%)
- Blue (66%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.9390, 1.9700, 8.3540 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 156.9390, 1.9700, 8.3540 by changing the saturation by 10% instead.

■ 156.9390, 1.9700,
8.3540

■ 156.9390, 1.9700,
8.3540

255.0000, -0.0000,
-0.0000

■ 130.9390, 1.9700,
8.3540

■ 211.3520, 2.2450,
8.8770

■ 105.5260, 1.6950,
7.8310

■ 239.7650, 2.5200,
9.4000

■ 81.4120, 2.0160,
7.5200

■ 58.7000, 1.1450,
6.7850

■ 36.7000, 1.1450,
6.7850

■ 15.1240, 2.8870,
8.2550

■ 0.0000, 0.0000,

0.0000

156.9390, 1.9700,
8.3540

156.9390, 1.9700,
8.3540

145.4650, 3.6650,
16.1850

168.4130, 0.2750,
0.5230

134.2900, 5.9560,
24.2280

179.5880, -2.0160,
-7.5200

122.8160, 7.6510,
32.0590

191.0620, -3.7110,
-15.3510

111.3420, 9.3460,
39.8900

202.5360, -5.4060,
-23.1820

100.1670, 11.6370,
47.9330

213.1240, -7.4220,
-30.7020

89.2800, 13.0570,
55.2410

224.5980, -9.1170,
-38.5330

■ 77.8060, 14.7520,
63.0720

■ 227.8540, -6.9620,
-39.0420

■ 66.6310, 17.0430,
71.1150

■ 229.0500, -4.5780,
-38.1940

■ 55.7440, 18.4630,
78.4230

■ 230.5450, -1.5980,
-37.1340

Harmonies

Analogous

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



155.6820, -7.6120, 5.7960



156.9390, 1.9700, 8.3540



157.4300, 10.7730, 8.5090

Triad

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



156.9390, 1.9700, 8.3540



155.5470, 14.3970, -2.1070



151.7310, -18.4760, -6.5720

Complementary

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



156.9390, 1.9700, 8.3540



163.0610, -1.9700, -8.3540

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.



152.2710, -11.3690, -8.7210



156.9390, 1.9700, 8.3540



154.0190, 7.0160, -6.0080

Square

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



156.9390, 1.9700, 8.3540



156.4490, 17.7890, 2.5010



153.0610, -1.9700, -8.3540



152.6540, -19.5770, -3.1370

Rectangle

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



156.9390, 1.9700, 8.3540



156.9420, 15.0830, 7.4910



153.0610, -1.9700, -8.3540



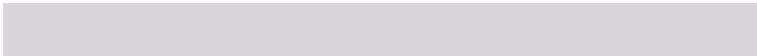
151.5740, -16.5960, -7.6040

Sweetspot

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



156.9390, 1.9700, 8.3540



214.8800, 0.4580, 2.7140



155.9870, -7.1530, 2.9830



106.4670, 0.1830, 2.1910



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.



156.9390, 1.9700, 8.3540



200.1720, 2.9320, 12.9480



157.9780, 6.2340, 8.1700



78.7060, 1.0080, 3.7600



48.8650, 16.2640, 68.7120



6.7650, 2.5200, 9.4000

Inverse Universe

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



156.9520, 9.1230, 5.3710



200.2840, 14.1200, 8.4240



162.0220, -6.2340, -8.1700



78.6200, 4.1260, 2.3180



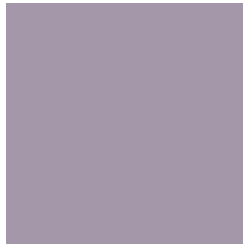
48.9260, 75.0470, 44.1270



6.6640, 9.9940, 6.1060

Previews

White Background



This preview shows how the YIQ color 156.9390, 1.9700, 8.3540 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 156.9390, 1.9700, 8.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

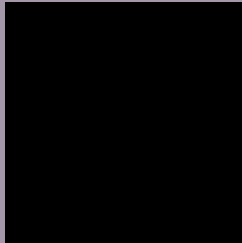
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.9390, 1.9700, 8.3540

Background



This preview shows how black text looks on a background with the YIQ color 156.9390, 1.9700, 8.3540.



This preview shows how white text looks on a background with the YIQ color 156.9390, 1.9700,

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

156.9390, 1.9700, 8.3540

Protanopia

155.6390, -6.0530, 5.0750

Deuteranopia

156.9390, 1.9700, 8.3540



Tritanopia

156.6570, 2.7040, 6.0640

Trichromacy



Original Color

156.9390, 1.9700, 8.3540

Protanomaly

156.1340, -3.0730, 6.1350

Deuteranomaly

156.9390, 1.9700, 8.3540

Tritanomaly

156.8850, 2.0620, 6.6860

Monochromacy



Original Color

156.9390, 1.9700, 8.3540

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.9390, 1.9700, 8.3540 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, 151, 169)` looks like.

```
.text, #text, p{  
    color:rgb(164, 151, 169)  
}
```

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, 151, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 151, 169) }
```

Border

The CSS property to change the border of an element to YIQ 156.9390, 1.9700, 8.3540 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, 151, 169) }
```


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

```
.border{ border-color:rgb(164, 151, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 151, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 151, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 151, 169);  
box-shadow:4px 4px 4px 4px rgb(164, 151,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 156.9390, 1.9700, 8.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 151, 169) }
```

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

```
.background{ background-color: rgb(164,  
151, 169) }
```

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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