

Converting Colors

YIQ(159.7330, 39.9360, -7.9040)

Have a look what the booklet for
YIQ(159.7330, 39.9360, -7.9040)
contains.

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Color

**YIQ(159.7330, 39.9360,
-7.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	C19A66
RGB	193, 154, 102
RGB Percent	76%, 60%, 40%
CMY	0.2431, 0.3961, 0.5998
CMYK	0.00, 0.20, 0.47, 0.24
HSL	34°, 42%, 58%
HSV	34°, 47%, 76%
XYZ	35.9499, 35.4055, 17.5227
YIQ	159.7330, 39.9360, -7.9040

Conversions

Conversions Part 2

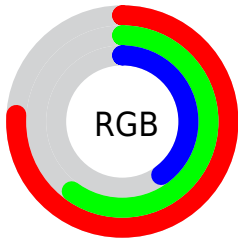
Format	Color
RYB	170, 193, 102
Decimal	12687974
CIELab	66.06, 7.87, 32.70
CIElCh	66, 33.636, 76.460
Yxy	35.4055, 0.4045, 0.3984
Android (android.graphics.Color)	4290878054 (0xFFC19A66)
YUV	159.7330, -28.4624, 29.1752
Hunter-Lab	59.5026, 3.7156, 24.1916

Details

The YIQ color **159.7330, 39.9360, -7.9040** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **135.2670, -39.9360, 7.9040**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.7010, 42.9620, -7.6780**, and **107.5800, 35.9930, -8.0310** is the 20% darker color. If you saturate the color by 10%, you get **152.8710, 48.2350, -9.6290**, and if you desaturate by 10%, it is **166.5950, 31.6370, -6.1790**.

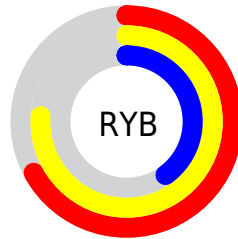
Distribution



Red (76%)

Green (60%)

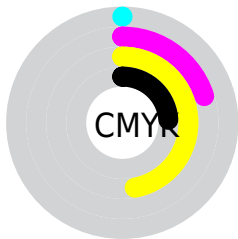
Blue (40%)



Red (67%)

Yellow (76%)

Blue (40%)

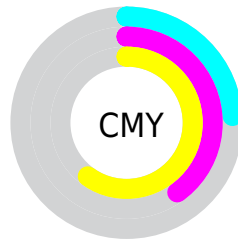


Cyan (0%)

Magenta (20%)

Yellow (47%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.7330, 39.9360, -7.9040 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 159.7330, 39.9360, -7.9040 by changing the saturation by 10% instead.


 159.7330, 39.9360,
-7.9040


 159.7330, 39.9360,
-7.9040


255.0000, -0.0000,
-0.0000


 133.2490, 38.4230,
-8.0170


 214.7010, 42.9620,
-7.6780


 107.5800, 35.9930,
-8.0310


 235.9980, 28.7040,
-13.6000


 82.7970, 33.8840,
-8.3560

 249.7560, 14.7660,
-14.3060

 58.7860, 32.4170,
-9.3030

 252.9480, 5.7780,
-5.5980

 38.1860, 25.5390,
-5.7970

 18.6830, 17.0100,
0.0980

 0.0000, 0.0000,

0.0000

■ 159.7330, 39.9360,
-7.9040

■ 159.7330, 39.9360,
-7.9040

■ 152.8710, 48.2350,
-9.6290

■ 166.5950, 31.6370,
-6.1790

■ 145.3080, 57.1300,
-11.1420

■ 174.1580, 22.7420,
-4.6660

■ 138.4460, 65.4290,
-12.8670

■ 181.0200, 14.4430,
-2.9410

■ 131.5840, 73.7280,
-14.5920

■ 187.8820, 6.1440,
-1.2160

■ 124.7220, 82.0270,
-16.3170

■ 194.8580, -2.4760,
0.8200

■ 122.2770, 84.7780,
-16.6140

■ 202.3070,
-11.0500, 2.0220

■ 209.1690,
-19.3490, 3.7470

■ 215.9170,
-27.3270, 5.1610

■ 221.2000,
-29.8020, 0.4540

Harmonies

Analogous

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



161.6670, 49.4700, 6.5420



159.7330, 39.9360, -7.9040



156.9320, 19.9020, -19.2820

Triad

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



159.7330, 39.9360, -7.9040



141.1200, -71.5200, -25.4400



164.6320, 4.9930, 25.1610

Complementary

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



159.7330, 39.9360, -7.9040



135.2670, -39.9360, 7.9040

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.



160.6540, -27.6040, 15.6920



159.7330, 39.9360, -7.9040



141.1270, -81.4250, -16.6330

Square

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



159.7330, 39.9360, -7.9040



147.6490, -39.5170, -27.2370



152.2860, -59.2830, 0.5970



164.7460, 31.0350, 26.7710

Rectangle

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



159.7330, 39.9360, -7.9040



154.3150, 2.5260, -23.7620



152.2860, -59.2830, 0.5970



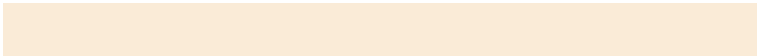
163.6030, -5.2310, 23.2250

Sweetspot

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



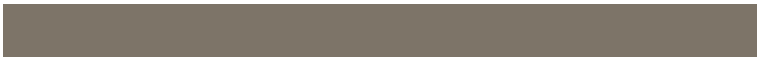
159.7330, 39.9360, -7.9040



237.2050, 15.3600, -3.0400



133.6550, 41.7170, 31.4210



117.3230, 9.2160, -1.8240



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



159.7330, 39.9360, -7.9040



197.8910, 62.6780, -12.5700



180.8320, 25.6350, -29.5730



93.5120, 4.3100, -1.0180



102.1430, 70.6560, -13.9840



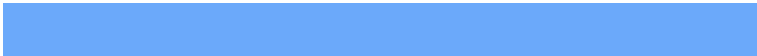
21.0200, 14.4430, -2.9410

Inverse Universe

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



135.2670, -39.9360, 7.9040



159.6960, -62.9530, 12.0470



114.1680, -25.6350, 29.5730



90.4880, -4.3100, 1.0180



58.8570, -70.6560, 13.9840



11.9800, -14.4430, 2.9410

Previews

White Background



This preview shows how the YIQ color 159.7330, 39.9360, -7.9040 looks on a white background.

Color Contrast Check

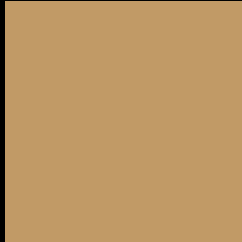
Large Text (above 18pt) WCAG AA × Fail

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 159.7330, 39.9360, -7.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

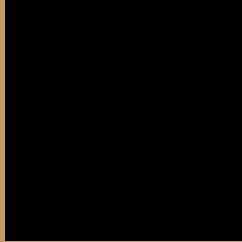
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.7330, 39.9360, -7.9040

Background



This preview shows how black text looks on a background with the YIQ color 159.7330, 39.9360, -7.9040.



This preview shows how white text looks on a background with the YIQ color 159.7330, 39.9360,

-7.9040.

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

159.7330, 39.9360, -7.9040

Protanopia

158.8020, 26.3200, -14.4480

Deuteranopia

160.0320, 40.5320, -7.6920



Tritanopia

163.5030, 26.8650, 14.2330

Trichromacy



Original Color

159.7330, 39.9360, -7.9040

Protanomaly

159.0200, 31.6380, -11.7060

Deuteranomaly

160.0320, 40.5320, -7.6920

Tritanomaly

162.3860, 31.2680, 6.0200

Monochromacy



Original Color

159.7330, 39.9360, -7.9040

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0200, 14.4430, -2.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.7330, 39.9360, -7.9040 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(193, 154, 102)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 102)  
}
```

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(193, 154, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 102) }
```

Border

The CSS property to change the border of an element to YIQ 159.7330, 39.9360, -7.9040 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(193, 154, 102) }
```


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

```
.border{ border-color:rgb(193, 154, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 154, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 102);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 159.7330, 39.9360, -7.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 102) }
```

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

```
.background{ background-color: rgb(193,  
154, 102) }
```

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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