

Converting Colors

YIQ(157.0030, 39.4760, 0.4360)

Have a look what the booklet for
YIQ(157.0030, 39.4760, 0.4360)
contains.

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Color

**YIQ(157.0030, 39.4760,
0.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	C39272
RGB	195, 146, 114
RGB Percent	76%, 57%, 45%
CMY	0.2352, 0.4275, 0.5528
CMYK	0.00, 0.25, 0.42, 0.24
HSL	24°, 40%, 61%
HSV	24°, 42%, 76%
XYZ	35.8276, 33.3727, 20.4867
YIQ	157.0030, 39.4760, 0.4360

Conversions

Conversions Part 2

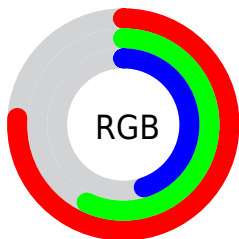
Format	Color
RYB	195, 167, 114
Decimal	12817010
CIELab	64.46, 14.37, 24.12
CIELCh	64, 28.077, 59.221
Yxy	33.3727, 0.3995, 0.3721
Android (android.graphics.Color)	4291007090 (0xFFC39272)
YUV	157.0030, -21.2005, 33.3234
Hunter-Lab	57.7691, 9.6073, 19.4124

Details

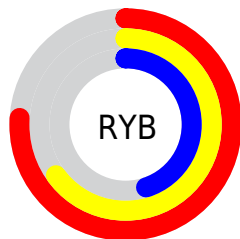
The YIQ color **157.0030, 39.4760, 0.4360** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **151.9970, -39.4760, -0.4360**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.9710, 42.5020, 0.6620**, and **104.8500, 35.5330, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **147.7930, 48.8750, 0.8030**, and if you desaturate by 10%, it is **166.3270, 29.7560, 0.3800**.

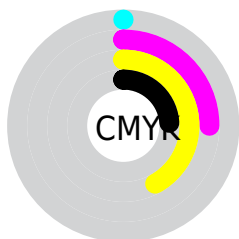
Distribution



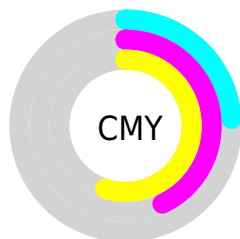
- Red (76%)
- Green (57%)
- Blue (45%)



- Red (76%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (24%)





- Cyan (24%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.0030, 39.4760, 0.4360 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 157.0030, 39.4760, 0.4360 by changing the saturation by 10% instead.

 157.0030, 39.4760,
0.4360


 157.0030, 39.4760,
0.4360


255.0000, -0.0000,
-0.0000


 130.5190, 37.9630,
0.3230


 211.9710, 42.5020,
0.6620


 104.8500, 35.5330,
0.3090


 232.0830, 27.3270,
-5.1610


 80.9530, 33.7450,
-0.3270

 251.1240, 10.9140,
-10.5740

 56.9850, 30.7190,
-0.5530

 254.4300, 1.6050,
-1.5550

 34.3870, 29.5270,
-0.9770

 13.7100, 21.5480,
5.9640

 0.0000, 0.0000,

0.0000

■ 157.0030, 39.4760,
0.4360

■ 157.0030, 39.4760,
0.4360

■ 147.7930, 48.8750,
0.8030

■ 166.3270, 29.7560,
0.3800

■ 138.4690, 58.5950,
0.8590

■ 175.5370, 20.3570,
0.0130

■ 129.8460, 67.7190,
0.7030

■ 184.2740, 10.9120,
0.4800

■ 120.5220, 77.4390,
0.7590

■ 193.4840, 1.5130,
0.1130

■ 111.3120, 86.8380,
1.1260

■ 202.8080, -8.2070,
0.0570

■ 103.5040, 95.0450,
1.0690

■ 212.0180,
-17.6060, -0.3100

■ 221.3420,
-27.3260, -0.3660

■ 228.2550,
-31.6350, -4.8750

■ 235.2990,
-34.9350, -11.1510

Harmonies

Analogous

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



158.3490, 41.8580, 12.3380



157.0030, 39.4760, 0.4360



154.8070, 27.9240, -10.4760

Triad

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



157.0030, 39.4760, 0.4360



144.6690, -42.2690, -21.4130



158.3910, -10.6860, 17.4580

Complementary

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



157.0030, 39.4760, 0.4360



151.9970, -39.4760, -0.4360

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.



153.5940, -36.5430, 6.9850



157.0030, 39.4760, 0.4360



142.4470, -58.9590, -16.2950

Square

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



157.0030, 39.4760, 0.4360



149.0170, -17.0060, -22.2060



146.7390, -56.4850, -6.0610



160.3140, 14.5760, 22.1920

Rectangle

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



157.0030, 39.4760, 0.4360



153.2890, 14.5830, -16.4970



146.7390, -56.4850, -6.0610



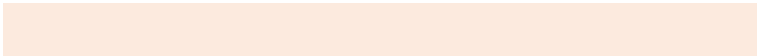
156.9060, -19.6260, 14.2780

Sweetspot

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



157.0030, 39.4760, 0.4360



238.0140, 14.5800, 0.0840



143.9190, 32.2260, 32.7220



119.4910, 8.8030, 0.1550



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



157.0030, 39.4760, 0.4360



193.0240, 61.3460, 0.5620



180.4830, 28.4760, -20.4840



92.3380, 4.8600, 0.0280



85.1200, 78.6310, 1.1830



17.4980, 16.0930, 0.1970

Inverse Universe

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



151.9970, -39.4760, -0.4360



185.5630, -61.6210, -1.0850



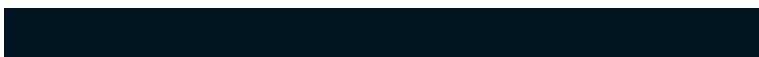
128.5170, -28.4760, 20.4840



91.6620, -4.8600, -0.0280



75.2930, -78.3560, -0.6600



15.5020, -16.0930, -0.1970

Previews

White Background



This preview shows how the YIQ color 157.0030, 39.4760, 0.4360 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 157.0030, 39.4760, 0.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

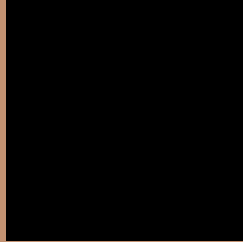
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.0030, 39.4760, 0.4360

Background



This preview shows how black text looks on a background with the YIQ color 157.0030, 39.4760, 0.4360.



This preview shows how white text looks on a background with the YIQ color 157.0030, 39.4760,

0.4360.

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

157.0030, 39.4760, 0.4360

Protanopia

155.3700, 19.0290, -8.9630

Deuteranopia

156.5460, 33.3330, -3.8750



Tritanopia

159.5960, 31.0370, 15.7170

Trichromacy



Original Color

157.0030, 39.4760, 0.4360

Protanomaly

155.7840, 26.7310, -5.3730

Deuteranomaly

156.8560, 35.3960, -2.7160

Tritanomaly

158.8750, 34.3850, 10.1050

Monochromacy



Original Color

157.0030, 39.4760, 0.4360

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.0140, 14.5800, 0.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.0030, 39.4760, 0.4360 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(195, 146, 114)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 114)  
}
```

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(195, 146, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 114) }
```

Border

The CSS property to change the border of an element to YIQ 157.0030, 39.4760, 0.4360 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(195, 146, 114) }
```


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

```
.border{ border-color:rgb(195, 146, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 114);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 157.0030, 39.4760, 0.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 114) }
```

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

```
.background{ background-color: rgb(195,  
146, 114) }
```

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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