

Converting Colors

YIQ(175.0030, 39.4760, 0.4360)

Have a look what the booklet for
YIQ(175.0030, 39.4760, 0.4360)
contains.

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Color

**YIQ(175.0030, 39.4760,
0.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A484
RGB	213, 164, 132
RGB Percent	84%, 64%, 52%
CMY	0.1646, 0.3569, 0.4822
CMYK	0.00, 0.23, 0.38, 0.16
HSL	24°, 49%, 68%
HSV	24°, 38%, 84%
XYZ	44.8875, 42.3605, 27.6570
YIQ	175.0030, 39.4760, 0.4360

Conversions

Conversions Part 2

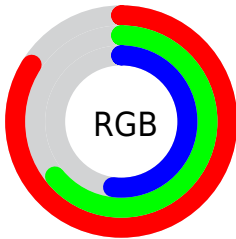
Format	Color
RYB	213, 185, 132
Decimal	14001284
CIELab	71.12, 13.86, 23.54
CIELCh	71, 27.320, 59.513
Yxy	42.3605, 0.3906, 0.3687
Android (android.graphics.Color)	4292191364 (0xFFD5A484)
YUV	175.0030, -21.2005, 33.3234
Hunter-Lab	65.0850, 9.2083, 20.3650

Details

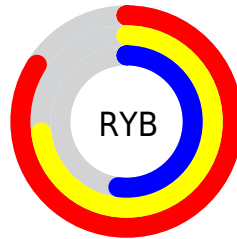
The YIQ color **175.0030, 39.4760, 0.4360** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **169.9970, -39.4760, -0.4360**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.8880, 32.3700, -2.9420**, and **122.0350, 36.4500, 0.2100** is the 20% darker color. If you saturate the color by 10%, you get **164.9780, 49.7920, 0.7040**, and if you desaturate by 10%, it is **185.0280, 29.1600, 0.1680**.

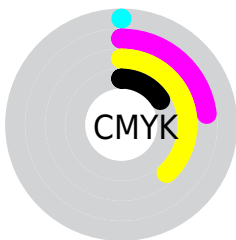
Distribution



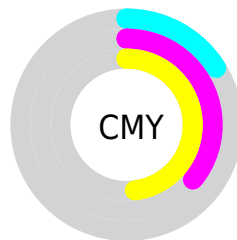
- Red (84%)
- Green (64%)
- Blue (52%)



- Red (84%)
- Yellow (73%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (16%)





- Cyan (16%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.0030, 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 175.0030, 39.4760, 0.4360 by changing the saturation by 10% instead.


 175.0030, 39.4760,
0.4360


 175.0030, 39.4760,
0.4360


255.0000, -0.0000,
-0.0000

 148.5190, 37.9630,
0.3230


 225.8880, 32.3700,
-2.9420


 122.0350, 36.4500,
0.2100


 246.1030, 15.4070,
-9.4010

 96.9530, 33.7450,
-0.3270

 253.4040, 4.4940,
-4.3540

 72.5830, 31.9110,
-0.1290

 49.5010, 29.2060,
-0.6660

 28.1740, 25.8130,
0.2530

 8.9700, 17.8800,

6.3600

■ 0.0000, 0.0000,
0.0000

■ 175.0030, 39.4760,
0.4360

■ 175.0030, 39.4760,
0.4360

■ 164.9780, 49.7920,
0.7040

■ 185.0280, 29.1600,
0.1680

■ 154.8390, 60.4290,
0.6610

■ 195.1670, 18.5230,
0.2110

■ 144.8140, 70.7450,
0.9290

■ 205.1920, 8.2070,
-0.0570

■ 134.7890, 81.0610,
1.1970

■ 215.2170, -2.1090,
-0.3250

■ 124.7640, 91.3770,
1.4650

■ 224.7690,
-12.4710, 0.2410

■ 115.2120,
101.7390, 0.8990

■ 234.2240,
-21.1820, -1.5820

■ 112.9950,
103.8480, 1.2240

■ 241.8550,
-24.7570, -8.3810

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



176.9360, 41.5830, 11.8150



175.0030, 39.4760, 0.4360



172.5080, 27.3280, -10.6880

Triad

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



175.0030, 39.4760, 0.4360



163.2670, -41.0770, -20.9890



176.2770, -10.3650, 17.1470

Complementary

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



175.0030, 39.4760, 0.4360



169.9970, -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.



171.1920, -35.3510, 7.4090



175.0030, 39.4760, 0.4360



161.9420, -55.9790, -15.2350

Square

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



175.0030, 39.4760, 0.4360



166.4300, -16.7310, -21.6830



165.2340, -53.5050, -5.0010



178.3140, 14.5760, 22.1920

Rectangle

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



175.0030, 39.4760, 0.4360



171.2890, 14.5830, -16.4970



165.2340, -53.5050, -5.0010



175.2050, -19.0300, 14.4900

Sweetspot

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



175.0030, 39.4760, 0.4360



241.8290, 13.6630, 0.1830



161.9190, 32.2260, 32.7220



119.6050, 8.4820, 0.4660



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.



175.0030, 39.4760, 0.4360



199.9850, 57.0820, 0.7460



198.4830, 28.4760, -20.4840



102.2240, 5.1810, -0.2830



90.4580, 83.4910, 1.2110



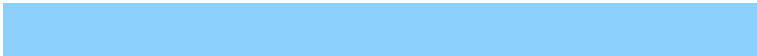
22.8360, 20.9530, 0.2250

Inverse Universe

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



169.9970, -39.4760, -0.4360



193.0150, -57.0820, -0.7460



146.5170, -28.4760, 20.4840



101.3630, -5.4560, -0.2400



79.9550, -83.2160, -0.6880



20.1640, -20.9530, -0.2250

Previews

White Background



This preview shows how the YIQ color 175.0030, 39.4760, 0.4360 looks on a white background.

Color Contrast Check

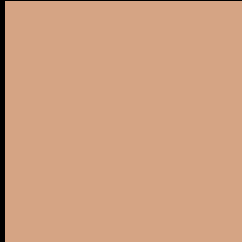
Large Text (above 18pt) WCAG AA × Fail

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 175.0030, 39.4760, 0.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

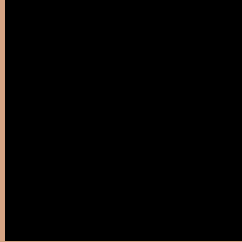
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.0030, 39.4760, 0.4360

Background



This preview shows how black text looks on a background with the YIQ color 175.0030, 39.4760, 0.4360.



This preview shows how white text looks on a background with the YIQ color 175.0030, 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

175.0030, 39.4760, 0.4360

Protanopia

173.3700, 19.0290, -8.9630

Deuteranopia

174.2580, 34.2040, -3.1400



Tritanopia

177.7100, 30.7160, 16.0280

Trichromacy



Original Color

175.0030, 39.4760, 0.4360

Protanomaly

173.7840, 26.7310, -5.3730

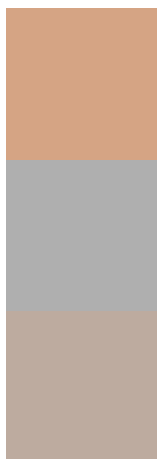
Deuteranomaly

174.5680, 36.2670, -1.9810

Tritanomaly

176.9890, 34.0640, 10.4160

Monochromacy



Original Color

175.0030, 39.4760, 0.4360

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0140, 14.5800, 0.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.0030, 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(213, 164, 132)` looks like.

```
.text, #text, p{  
    color:rgb(213, 164, 132)  
}
```

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(213, 164, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 164, 132) }
```

Border

The CSS property to change the border of an element to YIQ 175.0030, 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(213, 164, 132) }
```


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

```
.border{ border-color:rgb(213, 164, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 164, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 164, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 164, 132); box-shadow:4px 4px 4px 4px rgb(213, 164, 132) }
```

Background

The CSS property to change the background color of an element to YIQ 175.0030, 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(213, 164, 132) }
```

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

```
.background{ background-color: rgb(213,  
164, 132) }
```

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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