

Converting Colors

YIQ(174.2480, 57.3590, -9.7850)

Have a look what the booklet for
YIQ(174.2480, 57.3590, -9.7850)
contains.

YIQ(174.2480, 57.3590, -9.7850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(174.2480, 57.3590,
-9.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA55E
RGB	223, 165, 94
RGB Percent	87%, 65%, 37%
CMY	0.1254, 0.3530, 0.6311
CMYK	0.00, 0.26, 0.58, 0.13
HSL	33°, 67%, 62%
HSV	33°, 58%, 87%
XYZ	45.9131, 43.4026, 16.5643
YIQ	174.2480, 57.3590, -9.7850

Conversions

Conversions Part 2

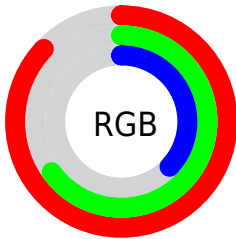
Format	Color
RYB	199, 223, 94
Decimal	14656862
CIELab	71.83, 13.75, 44.66
CIELCh	72, 46.729, 72.888
Yxy	43.4026, 0.4336, 0.4099
Android (android.graphics.Color)	4292846942 (0xFFDFA55E)
YUV	174.2480, -39.5623, 42.7555
Hunter-Lab	65.8807, 9.1079, 31.2093

Details

The YIQ color **174.2480, 57.3590, -9.7850** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **142.7520, -57.3590, 9.7850**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.0290, 44.6140, -15.5940**, and **120.3830, 52.5450, -10.6470** is the 20% darker color. If you saturate the color by 10%, you get **165.8700, 67.1710, -11.3970**, and if you desaturate by 10%, it is **182.6260, 47.5470, -8.1730**.

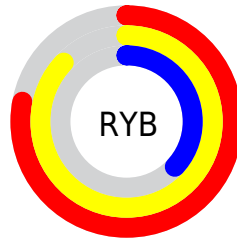
Distribution



Red (87%)

Green (65%)

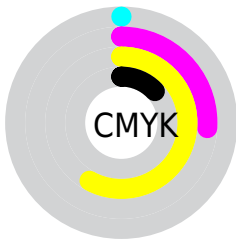
Blue (37%)



Red (78%)

Yellow (87%)

Blue (37%)

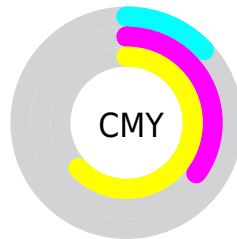


Cyan (0%)

Magenta (26%)

Yellow (58%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.2480, 57.3590, -9.7850 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 174.2480, 57.3590, -9.7850 by changing the saturation by 10% instead.

174.2480, 57.3590,
-9.7850

174.2480, 57.3590,
-9.7850

255.0000, -0.0000,
-0.0000

147.4650, 55.2500,
-10.1100

222.0290, 44.6140,
-15.5940

120.6820, 53.1410,
-10.4350

241.5430, 28.2470,
-21.8410

95.0730, 50.4820,
-11.8060

248.8440, 17.3340,
-16.7940

70.4470, 46.4930,
-11.0990

252.0360, 8.3460,
-8.0860

49.4600, 36.4510,
-5.3170

29.3590, 26.7300,
0.1540

9.2690, 18.4760,

6.5720

■ 0.0000, 0.0000,
0.0000

■ 174.2480, 57.3590,
-9.7850

■ 174.2480, 57.3590,
-9.7850

■ 165.8700, 67.1710,
-11.3970

■ 182.6260, 47.5470,
-8.1730

■ 157.3780, 77.3040,
-13.3200

■ 191.1180, 37.4140,
-6.2500

■ 149.0000, 87.1160,
-14.9320

■ 199.4960, 27.6020,
-4.6380

■ 140.6220, 96.9280,
-16.5440

■ 207.8740, 17.7900,
-3.0260

■ 138.8780, 99.0830,
-17.0530

■ 216.3660, 7.6570,
-1.1030

■ 224.7440, -2.1550,
0.5090

■ 233.1220,
-11.9670, 2.1210

■ 239.5620,
-16.3220, -1.5540

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



176.1810, 68.6340, 11.6580



174.2480, 57.3590, -9.7850



170.3490, 31.5490, -26.6190

Triad

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



174.2480, 57.3590, -9.7850



138.3420, -116.7240, -43.2200



180.9880, 1.4150, 34.9430

Complementary

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



174.2480, 57.3590, -9.7850



142.7520, -57.3590, 9.7850

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.



173.3670, -45.6690, 18.1950



174.2480, 57.3590, -9.7850



141.0270, -128.4180, -29.5220

Square

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



174.2480, 57.3590, -9.7850



154.7620, -56.4330, -40.0570



149.6030, -111.8240, -10.8640



180.8000, 40.1110, 38.5030

Rectangle

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



174.2480, 57.3590, -9.7850



167.4430, 7.6170, -33.4310



149.6030, -111.8240, -10.8640



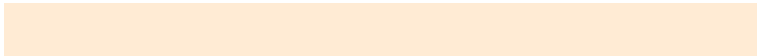
179.2680, -14.1730, 31.0990

Sweetspot

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



174.2480, 57.3590, -9.7850



238.3580, 19.3030, -2.9130



139.4110, 57.6240, 46.0080



117.9920, 11.6460, -1.8100



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.



174.2480, 57.3590, -9.7850



188.5630, 78.2210, -13.4190



207.0980, 39.0250, -40.9670



107.8110, 4.9060, -0.8060



109.5630, 78.2210, -13.4190



30.2010, 21.1830, -3.9450

Inverse Universe

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



142.7520, -57.3590, 9.7850



145.4370, -78.2210, 13.4190



109.9020, -39.0250, 40.9670



105.1890, -4.9060, 0.8060



66.4370, -78.2210, 13.4190



18.3860, -21.4580, 3.4220

Previews

White Background



This preview shows how the YIQ color 174.2480, 57.3590, -9.7850 looks on a white background.

Color Contrast Check

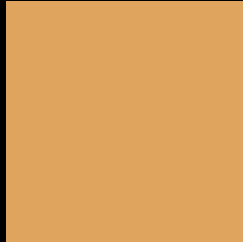
Large Text (above 18pt) WCAG AA × Fail

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 174.2480, 57.3590, -9.7850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

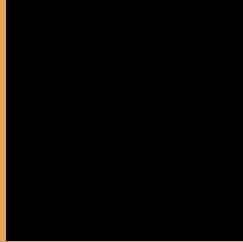
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.2480, 57.3590, -9.7850

Background



This preview shows how black text looks on a background with the YIQ color 174.2480, 57.3590, -9.7850.



This preview shows how white text looks on a background with the YIQ color 174.2480, 57.3590, -9.7850.

-9.7850.

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

174.2480, 57.3590, -9.7850

Protanopia

172.4900, 35.7660, -20.4420

Deuteranopia

173.8020, 52.6830, -13.1490



Tritanopia

179.1950, 39.6560, 19.2080

Trichromacy



Original Color

174.2480, 57.3590, -9.7850

Protanomaly

173.3170, 43.7430, -16.3290

Deuteranomaly

174.1120, 54.7460, -11.9900

Tritanomaly

177.2800, 46.3060, 8.8180

Monochromacy



Original Color

174.2480, 57.3590, -9.7850

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.3150, 20.8620, -3.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.2480, 57.3590, -9.7850 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(223, 165, 94)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 94)  
}
```

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(223, 165, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 94) }
```

Border

The CSS property to change the border of an element to YIQ 174.2480, 57.3590, -9.7850 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(223, 165, 94) }
```


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

```
.border{ border-color:rgb(223, 165, 94) }
```

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

Here you see how a box with a 4 pixel rgb(223, 165, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 94);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 174.2480, 57.3590, -9.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 94) }
```

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

```
.background{ background-color: rgb(223,  
165, 94) }
```

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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