

Converting Colors

YIQ(158.5440, 62.0370,
-17.4750)

Have a look what the booklet for
YIQ(158.5440, 62.0370, -17.4750)
contains.

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Color

**YIQ(158.5440, 62.0370,
-17.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	CF993C
RGB	207, 153, 60
RGB Percent	81%, 60%, 24%
CMY	0.1882, 0.4001, 0.7644
CMYK	0.00, 0.26, 0.71, 0.19
HSL	38°, 60%, 52%
HSV	38°, 71%, 81%
XYZ	37.9424, 36.3700, 9.3066
YIQ	158.5440, 62.0370, -17.4750

Conversions

Conversions Part 2

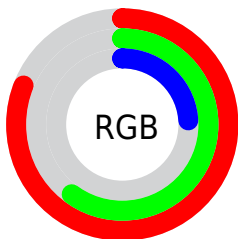
Format	Color
RYB	145, 207, 60
Decimal	13605180
CIELab	66.80, 11.25, 54.66
CIElCh	67, 55.808, 78.368
Yxy	36.3700, 0.4538, 0.4349
Android (android.graphics.Color)	4291795260 (0xFFCF993C)
YUV	158.5440, -48.5822, 42.4959
Hunter-Lab	60.3076, 6.7646, 33.0658

Details

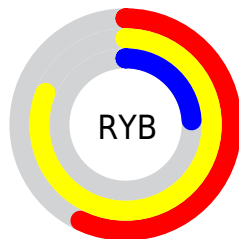
The YIQ color **158.5440, 62.0370, -17.4750** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **108.4560, -62.0370, 17.4750**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5220, 59.1030, -19.3690**, and **104.1260, 60.1580, -21.9700** is the 20% darker color. If you saturate the color by 10%, you get **151.4540, 70.9780, -19.8220**, and if you desaturate by 10%, it is **165.6340, 53.0960, -15.1280**.

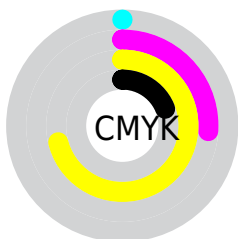
Distribution



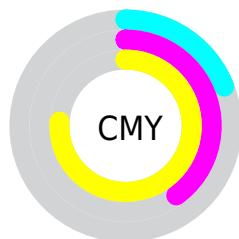
- Red (81%)
- Green (60%)
- Blue (24%)



- Red (57%)
- Yellow (81%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (71%)
- Black (19%)



- Cyan (19%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.5440, 62.0370, -17.4750 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 158.5440, 62.0370, -17.4750 by changing the saturation by 10% instead.

158.5440, 62.0370,
-17.4750

158.5440, 62.0370,
-17.4750

255.0000, -0.0000,
-0.0000

131.2340, 59.9740,
-18.6340

210.5220, 59.1030,
-19.3690

104.1260, 60.1580,
-21.9700

230.0360, 42.7360,
-25.6160

81.6660, 50.0700,
-15.3540

244.8540, 28.5690,
-27.6790

60.3800, 39.4320,
-9.7840

248.0460, 19.5810,
-18.9710

39.3930, 29.3900,
-4.0020

251.3520, 10.2720,
-9.9520

20.1780, 19.9900,
1.1580

254.6580, 0.9630,

0.0000, 0.0000,

-0.9330

0.0000

■ 158.5440, 62.0370,
-17.4750

■ 158.5440, 62.0370,
-17.4750

■ 151.4540, 70.9780,
-19.8220

■ 165.6340, 53.0960,
-15.1280

■ 145.0650, 79.3230,
-22.3810

■ 172.0230, 44.7510,
-12.5690

■ 138.7900, 87.3470,
-24.6290

■ 179.1130, 35.8100,
-10.2220

■ 185.6160, 27.1440,
-7.3520

■ 192.7060, 18.2030,
-5.0050

■ 199.6820, 9.5830,
-2.9690

■ 206.1850, 0.9170,
-0.0990

■ 213.2750, -8.0240,
2.2480

■ 220.2510,
-16.6440, 4.2840

Harmonies

Analogous

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



160.8630, 78.2170, 8.6890



158.5440, 62.0370, -17.4750



154.2960, 29.9000, -35.2840

Triad

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



158.5440, 62.0370, -17.4750



131.7710, -113.3780, -37.7780



167.6350, 10.0790, 43.1270

Complementary

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



158.5440, 62.0370, -17.4750



108.4560, -62.0370, 17.4750

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.



160.3980, -46.9540, 24.9660



158.5440, 62.0370, -17.4750



134.9120, -126.3560, -22.8360

Square

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



158.5440, 62.0370, -17.4750



125.2560, -96.4110, -53.4270



131.2080, -129.7050, -11.6970



164.6710, 53.9560, 46.4040

Rectangle

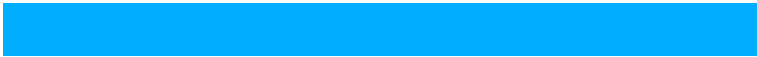
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158.5440, 62.0370, -17.4750



149.7960, -1.0470, -41.6150



131.2080, -129.7050, -11.6970



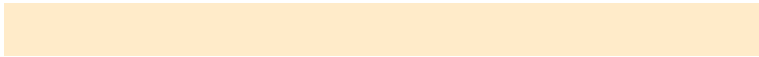
166.5450, -7.3430, 39.4810

Sweetspot

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



158.5440, 62.0370, -17.4750



237.1040, 22.8340, -6.3340



110.3370, 69.6360, 48.5800



117.3080, 13.5720, -3.6760



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.



158.5440, 62.0370, -17.4750



183.3020, 91.6570, -25.6470



185.1590, 37.0550, -49.3210



101.3980, 4.6310, -1.3290



112.4540, 70.9780, -19.8220



27.5210, 17.2860, -4.9060

Inverse Universe

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



108.4560, -62.0370, 17.4750



109.6980, -91.6570, 25.6470



81.8410, -37.0550, 49.3210



97.6020, -4.6310, 1.3290



55.5460, -70.9780, 19.8220



13.4790, -17.2860, 4.9060

Previews

White Background



This preview shows how the YIQ color 158.5440, 62.0370, -17.4750 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 158.5440, 62.0370, -17.4750 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 158.5440, 62.0370, -17.4750

Background



This preview shows how black text looks on a background with the YIQ color 158.5440, 62.0370, -17.4750.



This preview shows how white text looks on a background with the YIQ color 158.5440, 62.0370, -17.4750.

-17.4750.

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

158.5440, 62.0370, -17.4750

Protanopia

157.2810, 43.4240, -27.0720

Deuteranopia

158.5220, 59.1030, -19.3690



Tritanopia

165.1840, 38.1890, 18.2610

Trichromacy



Original Color

158.5440, 62.0370, -17.4750

Protanomaly

157.5100, 50.2090, -23.3830

Deuteranomaly

158.2340, 59.9740, -18.6340

Tritanomaly

163.0580, 46.8110, 5.1710

Monochromacy



Original Color

158.5440, 62.0370, -17.4750

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.8050, 22.2380, -6.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.5440, 62.0370, -17.4750 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(207, 153, 60)` looks like.

```
.text, #text, p{  
    color:rgb(207, 153, 60)  
}
```

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(207, 153, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 153, 60) }
```

Border

The CSS property to change the border of an element to YIQ 158.5440, 62.0370, -17.4750 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(207, 153, 60) }
```


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

```
.border{ border-color:rgb(207, 153, 60) }
```

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

Here you see how a box with a 4 pixel rgb(207, 153, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 153, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 153, 60);  
box-shadow:4px 4px 4px 4px rgb(207, 153,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 158.5440, 62.0370, -17.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 153, 60) }
```

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

```
.background{ background-color: rgb(207,  
153, 60) }
```

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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