

Converting Colors

YIQ(159.8430, 62.6330,
-17.2630)

Have a look what the booklet for
YIQ(159.8430, 62.6330, -17.2630)
contains.

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Color

**YIQ(159.8430, 62.6330,
-17.2630)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D19A3D |
| RGB | 209, 154, 61 |
| RGB Percent | 82%, 60%, 24% |
| CMY | 0.1803, 0.3961, 0.7605 |
| CMYK | 0.00, 0.26, 0.71, 0.18 |
| HSL | 38°, 62%, 53% |
| HSV | 38°, 71%, 82% |
| XYZ | 38.6960, 36.9993, 9.5285 |
| YIQ | 159.8430, 62.6330, -17.2630 |

Conversions

Conversions Part 2

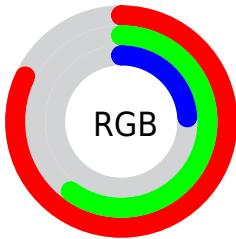
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 149, 209, 61 |
| Decimal | 13736509 |
| CIELab | 67.28, 11.63, 54.79 |
| CIElCh | 67, 56.006, 78.018 |
| Yxy | 36.9993, 0.4541, 0.4341 |
| Android (android.graphics.Color) | 4291926589 (0xFFD19A3D) |
| YUV | 159.8430, -48.7296, 43.1107 |
| Hunter-Lab | 60.8271, 7.1080, 33.2912 |

Details

The YIQ color **159.8430, 62.6330, -17.2630** 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 **110.1570, -62.6330, 17.2630**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2230, 58.5070, -19.5810**, and **105.3110, 61.0750, -22.0690** is the 20% darker color. If you saturate the color by 10%, you get **152.7530, 71.5740, -19.6100**, and if you desaturate by 10%, it is **166.9330, 53.6920, -14.9160**.

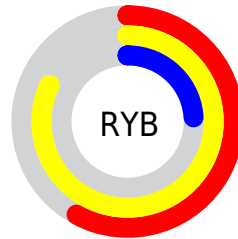
Distribution



Red (82%)

Green (60%)

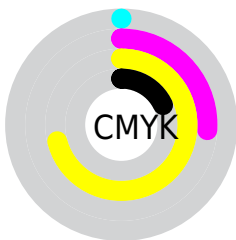
Blue (24%)



Red (58%)

Yellow (82%)

Blue (24%)

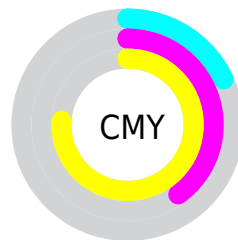


Cyan (0%)

Magenta (26%)

Yellow (71%)

Black (18%)



Cyan (18%)


Magenta (40%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.8430, 62.6330, -17.2630 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 159.8430, 62.6330, -17.2630 by changing the saturation by 10% instead.


 159.8430, 62.6330,
-17.2630


 159.8430, 62.6330,
-17.2630


255.0000, -0.0000,
-0.0000


 132.5330, 60.5700,
-18.4220


 211.2230, 58.5070,
-19.5810


 105.3110, 61.0750,
-22.0690


 230.7370, 42.1400,
-25.8280

 82.8510, 50.9870,
-15.4530


 244.9680, 28.2480,
-27.3680

 60.9780, 40.6240,
-9.3600

 248.1600, 19.2600,
-18.6600

 40.5780, 30.3070,
-4.1010

 251.4660, 9.9510,
-9.6410

 21.0640, 20.3110,
0.8470

254.7720, 0.6420,

 0.0000, 0.0000,

-0.6220

0.0000

■ 159.8430, 62.6330,
-17.2630

■ 159.8430, 62.6330,
-17.2630

■ 152.7530, 71.5740,
-19.6100

■ 166.9330, 53.6920,
-14.9160

■ 145.6630, 80.5150,
-21.9570

■ 174.0230, 44.7510,
-12.5690

■ 139.3880, 88.5390,
-24.2050

■ 180.5260, 36.0850,
-9.6990

■ 187.6160, 27.1440,
-7.3520

■ 194.7060, 18.2030,
-5.0050

■ 201.6820, 9.5830,
-2.9690

■ 208.1850, 0.9170,
-0.0990

■ 215.2750, -8.0240,
2.2480

■ 222.3650,
-16.9650, 4.5950

Harmonies

Analogous

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



162.1620, 78.8130, 8.9010



159.8430, 62.6330, -17.2630



155.1820, 30.2210, -35.5950

Triad

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



159.8430, 62.6330, -17.2630



132.9450, -113.9280, -38.8240



168.7490, 9.7580, 43.4380

Complementary

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



159.8430, 62.6330, -17.2630



110.1570, -62.6330, 17.2630

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.



161.5720, -47.5040, 23.9200



159.8430, 62.6330, -17.2630



135.7270, -127.2730, -22.7370

Square

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



159.8430, 62.6330, -17.2630



125.8430, -96.6860, -53.9500



131.7950, -129.9800, -12.2200



166.3720, 53.3600, 46.1920

Rectangle

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



159.8430, 62.6330, -17.2630



150.9810, -0.1300, -41.7140



131.7950, -129.9800, -12.2200



168.2460, -7.9390, 39.2690

Sweetspot

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



159.8430, 62.6330, -17.2630



237.1040, 22.8340, -6.3340



111.7500, 69.9110, 49.1030



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.



159.8430, 62.6330, -17.2630



182.7150, 91.9320, -25.1240



187.0450, 37.3760, -49.6320



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.



110.1570, -62.6330, 17.2630



110.2850, -91.9320, 25.1240



82.9550, -37.3760, 49.6320



97.6020, -4.6310, 1.3290



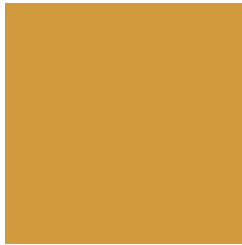
56.1330, -71.2530, 19.2990



13.4790, -17.2860, 4.9060

Previews

White Background



This preview shows how the YIQ color 159.8430, 62.6330, -17.2630 looks on a white background.

Color Contrast Check

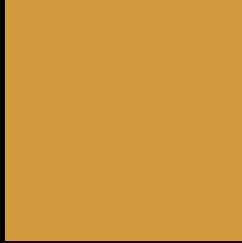
Large Text (above 18pt) WCAG AA × Fail

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 159.8430, 62.6330, -17.2630 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 159.8430, 62.6330, -17.2630

Background



This preview shows how black text looks on a background with the YIQ color 159.8430, 62.6330, -17.2630.



This preview shows how white text looks on a background with the YIQ color 159.8430, 62.6330, -17.2630.

-17.2630.

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

159.8430, 62.6330, -17.2630

Protanopia

158.2810, 43.4240, -27.0720

Deuteranopia

159.7070, 60.0200, -19.4680



Tritanopia

166.4830, 38.7850, 18.4730

Trichromacy



Original Color

159.8430, 62.6330, -17.2630

Protanomaly

158.5100, 50.2090, -23.3830

Deuteranomaly

159.4190, 60.8910, -18.7330

Tritanomaly

164.3570, 47.4070, 5.3830

Monochromacy



Original Color

159.8430, 62.6330, -17.2630

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.1040, 22.8340, -6.3340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8430, 62.6330, -17.2630 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(209, 154, 61)` looks like.

```
.text, #text, p{  
    color:rgb(209, 154, 61)  
}
```

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(209, 154, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 154, 61) }
```

Border

The CSS property to change the border of an element to YIQ 159.8430, 62.6330, -17.2630 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(209, 154, 61) }
```


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

```
.border{ border-color:rgb(209, 154, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 154, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 154, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 154, 61);  
box-shadow:4px 4px 4px 4px rgb(209, 154,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8430, 62.6330, -17.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 154, 61) }
```

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

```
.background{ background-color: rgb(209,  
154, 61) }
```

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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