

Converting Colors

YIQ(159.2950, 59.1450, 1.9050)

Have a look what the booklet for
YIQ(159.2950, 59.1450, 1.9050)
contains.

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Color

**YIQ(159.2950, 59.1450,
1.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	D98E61
RGB	217, 142, 97
RGB Percent	85%, 56%, 38%
CMY	0.1489, 0.4432, 0.6193
CMYK	0.00, 0.35, 0.55, 0.15
HSL	22°, 61%, 62%
HSV	22°, 55%, 85%
XYZ	40.4558, 34.9585, 15.9415
YIQ	159.2950, 59.1450, 1.9050

Conversions

Conversions Part 2

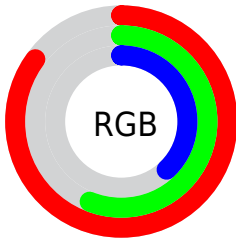
Format	Color
R_{YB}	217, 169, 97
Decimal	14257761
CIE _{Lab}	65.72, 23.89, 35.48
CIE _{LCh}	66, 42.771, 56.049
Yxy	34.9585, 0.4428, 0.3827
Android (android.graphics.Color)	4292447841 (0xFFD98E61)
YUV	159.2950, -30.7114, 50.6073
Hunter-Lab	59.1257, 18.6657, 25.4022

Details

The YIQ color **159.2950, 59.1450, 1.9050** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **154.7050, -59.1450, -1.9050**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.1690, 50.5720, -2.4200**, and **106.5440, 54.0100, 1.3540** is the 20% darker color. If you saturate the color by 10%, you get **148.5690, 70.0570, 2.3850**, and if you desaturate by 10%, it is **170.0210, 48.2330, 1.4250**.

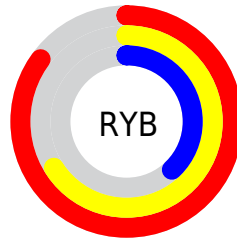
Distribution



Red (85%)

Green (56%)

Blue (38%)



Red (85%)

Yellow (66%)

Blue (38%)

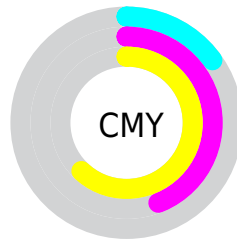


Cyan (0%)

Magenta (35%)

Yellow (55%)

Black (15%)



Cyan (15%)


Magenta (44%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.2950, 59.1450, 1.9050 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 159.2950, 59.1450, 1.9050 by changing the saturation by 10% instead.

 159.2950, 59.1450,
1.9050


 159.2950, 59.1450,
1.9050


255.0000, -0.0000,
-0.0000


 132.6260, 56.7150,
1.8910


 208.1690, 50.5720,
-2.4200


 106.5440, 54.0100,
1.3540


 227.6830, 34.2050,
-8.6670


 81.1630, 50.7090,
0.6050

 247.8980, 17.2420,
-15.1260

 56.5540, 48.0500,
-0.7660

 252.2640, 7.7040,
-7.4640

 35.3390, 38.6500,
4.3940

 14.6510, 29.2040,
10.3880

 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 159.2950, 59.1450,
1.9050

■ 159.2950, 59.1450,
1.9050

■ 148.5690, 70.0570,
2.3850

■ 170.0210, 48.2330,
1.4250

■ 138.5440, 80.3730,
2.6530

■ 180.0460, 37.9170,
1.1570

■ 127.8180, 91.2850,
3.1330

■ 190.7720, 27.0050,
0.6770

■ 117.6790,
101.9220, 3.0900

■ 200.9110, 16.3680,
0.7200

■ 112.4300,
107.0570, 3.6410

■ 211.6370, 5.4560,
0.2400

■ 221.6620, -4.8600,
-0.0280

■ 232.3880,
-15.7720, -0.5080

■ 241.2900,
-21.5480, -5.9640

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



160.8570, 61.1590, 20.4790



159.2950, 59.1450, 1.9050



157.1320, 42.8260, -16.2300

Triad

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



159.2950, 59.1450, 1.9050



132.3820, -78.6700, -39.0380



161.6750, -22.9290, 24.5830

Complementary

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



159.2950, 59.1450, 1.9050



154.7050, -59.1450, -1.9050

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.



149.4730, -69.8750, 5.3330



159.2950, 59.1450, 1.9050



126.9610, -110.8570, -33.9050

Square

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



159.2950, 59.1450, 1.9050



146.6320, -23.6520, -33.9240



127.4460, -119.1120, -21.9600



164.2580, 18.1500, 34.5180

Rectangle

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



159.2950, 59.1450, 1.9050



154.5810, 25.0840, -25.0920



127.4460, -119.1120, -21.9600



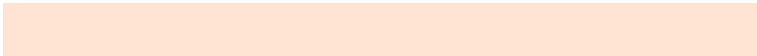
158.4990, -37.2330, 19.4950

Sweetspot

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



159.2950, 59.1450, 1.9050



234.2490, 21.2280, 0.7480



141.5440, 47.1240, 49.0760



115.6440, 12.7460, 0.2820



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.



159.2950, 59.1450, 1.9050



174.2130, 82.8030, 2.6670



193.9280, 42.9200, -28.9520



104.6370, 5.4560, 0.2400



89.8820, 85.2330, 2.6810



23.7330, 22.7410, 0.8610

Inverse Universe

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



154.7050, -59.1450, -1.9050



167.7870, -82.8030, -2.6670



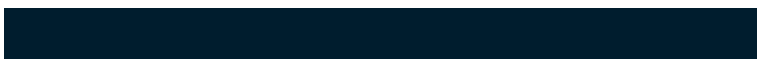
120.0720, -42.9200, 28.9520



104.3630, -5.4560, -0.2400



83.1180, -85.2330, -2.6810



22.2670, -22.7410, -0.8610

Previews

White Background



This preview shows how the YIQ color 159.2950, 59.1450, 1.9050 looks on a white background.

Color Contrast Check

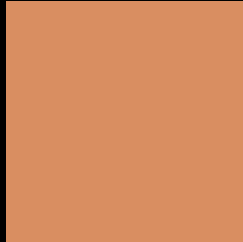
Large Text (above 18pt) WCAG AA × Fail

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 159.2950, 59.1450, 1.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

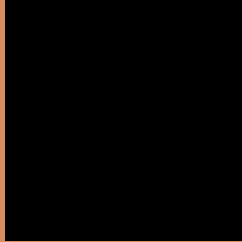
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.2950, 59.1450, 1.9050

Background



This preview shows how black text looks on a background with the YIQ color 159.2950, 59.1450, 1.9050.



This preview shows how white text looks on a background with the YIQ color 159.2950, 59.1450,

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

159.2950, 59.1450, 1.9050

Protanopia

157.8020, 26.3200, -14.4480

Deuteranopia

158.6470, 43.0540, -9.3460



Tritanopia

162.5550, 47.4500, 21.1300

Trichromacy



Original Color

159.2950, 59.1450, 1.9050

Protanomaly

158.1350, 38.7440, -8.3280

Deuteranomaly

158.8050, 48.6010, -5.2470

Tritanomaly

161.3780, 52.0820, 14.2740

Monochromacy



Original Color

159.2950, 59.1450, 1.9050

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.1350, 21.5490, 0.4370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.2950, 59.1450, 1.9050 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(217, 142, 97)` looks like.

```
.text, #text, p{  
    color:rgb(217, 142, 97)  
}
```

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(217, 142, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 142, 97) }
```

Border

The CSS property to change the border of an element to YIQ 159.2950, 59.1450, 1.9050 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(217, 142, 97) }
```


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

```
.border{ border-color:rgb(217, 142, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 142, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 142, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 142, 97);  
box-shadow:4px 4px 4px 4px rgb(217, 142,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 159.2950, 59.1450, 1.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 142, 97) }
```

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

```
.background{ background-color: rgb(217,  
142, 97) }
```

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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