

Converting Colors

YIQ(172.0910, 59.2390,
-10.8170)

Have a look what the booklet for
YIQ(172.0910, 59.2390, -10.8170)
contains.

YIQ(172.0910, 59.2390, -10.8170)	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(172.0910, 59.2390,
-10.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA358
RGB	222, 163, 88
RGB Percent	87%, 64%, 35%
CMY	0.1293, 0.3609, 0.6546
CMYK	0.00, 0.27, 0.60, 0.13
HSL	34°, 67%, 61%
HSV	34°, 60%, 87%
XYZ	44.9888, 42.4247, 15.0664
YIQ	172.0910, 59.2390, -10.8170

Conversions

Conversions Part 2

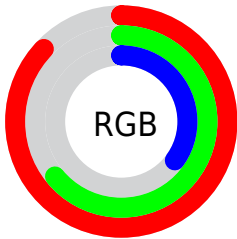
Format	Color
RYB	193, 222, 88
Decimal	14590808
CIELab	71.16, 13.96, 46.83
CIELCh	71, 48.872, 73.398
Yxy	42.4247, 0.4390, 0.4140
Android (android.graphics.Color)	4292780888 (0xFFDEA358)
YUV	172.0910, -41.4569, 43.7702
Hunter-Lab	65.1342, 9.3067, 31.8794

Details

The YIQ color $172.0910, 59.2390, -10.8170$ is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be $137.9090, -59.2390, 10.8170$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.1710, 47.0900, -16.4140$, and $118.2260, 54.4250, -11.6790$ is the 20% darker color. If you saturate the color by 10%, you get $163.7130, 69.0510, -12.4290$, and if you desaturate by 10%, it is $180.4690, 49.4270, -9.2050$.

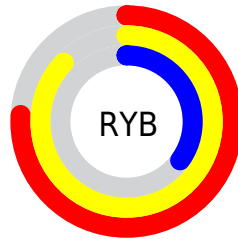
Distribution



Red (87%)

Green (64%)

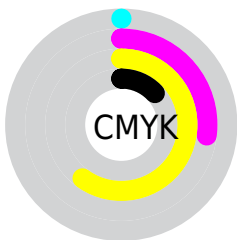
Blue (35%)



Red (76%)

Yellow (87%)

Blue (35%)

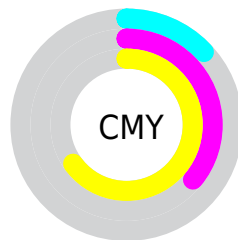


Cyan (0%)

Magenta (27%)

Yellow (60%)

Black (13%)



Cyan (13%)


Magenta (36%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.0910, 59.2390, -10.8170 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 172.0910, 59.2390, -10.8170 by changing the saturation by 10% instead.


 172.0910, 59.2390,
-10.8170


 172.0910, 59.2390,
-10.8170

255.0000, -0.0000,
-0.0000


 145.0090, 56.5340,
-11.3540


 220.1710, 47.0900,
-16.4140


 118.2260, 54.4250,
-11.6790


 239.6850, 30.7230,
-22.6610

 92.5740, 53.3250,
-13.7710


 248.1600, 19.2600,
-18.6600

 69.5610, 46.1720,
-10.7880

 251.3520, 10.2720,
-9.9520

 48.5740, 36.1300,
-5.0060

254.6580, 0.9630,
-0.9330

 28.1740, 25.8130,
0.2530

 8.9700, 17.8800,

6.3600

■ 0.0000, 0.0000,
0.0000

■ 172.0910, 59.2390,
-10.8170

■ 172.0910, 59.2390,
-10.8170

■ 163.7130, 69.0510,
-12.4290

■ 180.4690, 49.4270,
-9.2050

■ 155.3350, 78.8630,
-14.0410

■ 188.8470, 39.6150,
-7.5930

■ 147.4300, 88.7210,
-16.4870

■ 196.7520, 29.7570,
-5.1470

■ 139.1660, 98.2120,
-17.7880

■ 205.1300, 19.9450,
-3.5350

■ 213.5080, 10.1330,
-1.9230

■ 221.8860, 0.3210,
-0.3110

■ 229.6770, -9.2160,
1.8240

■ 236.9150,
-15.8180, 0.3260

■ 242.7850,
-18.5680, -4.9040

Harmonies

Analogous

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



174.1490, 71.6600, 11.8840



172.0910, 59.2390, -10.8170



168.5940, 32.2370, -28.0750

Triad

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



172.0910, 59.2390, -10.8170



137.6410, -116.1280, -43.0080



179.2270, 2.2400, 36.5120

Complementary

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



172.0910, 59.2390, -10.8170



137.9090, -59.2390, 10.8170

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.



170.9970, -47.5030, 18.3930



172.0910, 59.2390, -10.8170



140.5540, -128.4640, -28.6880

Square

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



172.0910, 59.2390, -10.8170



150.6580, -62.0720, -42.4880



138.2520, -133.0050, -17.9730



178.6370, 42.1280, 40.4960

Rectangle

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



172.0910, 59.2390, -10.8170



165.0900, 7.1130, -35.3110



138.2520, -133.0050, -17.9730



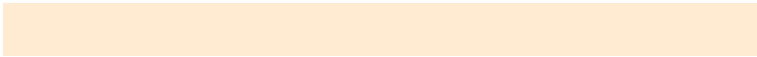
178.2080, -13.9440, 32.4560

Sweetspot

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



172.0910, 59.2390, -10.8170



238.0160, 20.2660, -3.8460



134.9060, 60.6040, 47.0680



117.0630, 12.8840, -2.2200



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.



172.0910, 59.2390, -10.8170



186.4770, 81.3390, -14.8610



204.6310, 38.8420, -43.1580



107.8110, 4.9060, -0.8060



110.1500, 77.9460, -13.9420



30.2010, 21.1830, -3.9450

Inverse Universe

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



137.9090, -59.2390, 10.8170



139.5230, -81.3390, 14.8610



105.3690, -38.8420, 43.1580



105.1890, -4.9060, 0.8060



65.8500, -77.9460, 13.9420



17.7990, -21.1830, 3.9450

Previews

White Background



This preview shows how the YIQ color 172.0910, 59.2390, -10.8170 looks on a white background.

Color Contrast Check

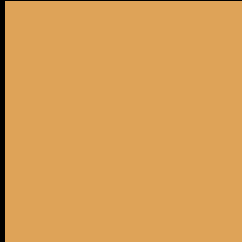
Large Text (above 18pt) WCAG AA × Fail

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 172.0910, 59.2390, -10.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

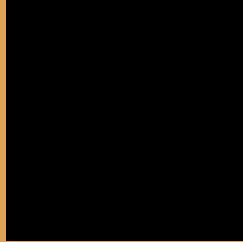
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.0910, 59.2390, -10.8170

Background



This preview shows how black text looks on a background with the YIQ color 172.0910, 59.2390, -10.8170.



This preview shows how white text looks on a background with the YIQ color 172.0910, 59.2390, -10.8170.

-10.8170.

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

172.0910, 59.2390, -10.8170

Protanopia

170.6210, 36.7750, -22.2090

Deuteranopia

171.6450, 54.5630, -14.1810



Tritanopia

177.4940, 40.2520, 19.4200

Trichromacy



Original Color

172.0910, 59.2390, -10.8170

Protanomaly

171.4480, 44.7520, -18.0960

Deuteranomaly

171.9550, 56.6260, -13.0220

Tritanomaly

175.4650, 47.2230, 8.7190

Monochromacy



Original Color

172.0910, 59.2390, -10.8170

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0870, 21.5040, -4.2560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.0910, 59.2390, -10.8170 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(222, 163, 88)` looks like.

```
.text, #text, p{  
    color:rgb(222, 163, 88)  
}
```

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(222, 163, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 163, 88) }
```

Border

The CSS property to change the border of an element to YIQ 172.0910, 59.2390, -10.8170 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(222, 163, 88) }
```


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

```
.border{ border-color:rgb(222, 163, 88) }
```

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

Here you see how a box with a 4 pixel rgb(222, 163, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 163, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 163, 88);  
box-shadow:4px 4px 4px 4px rgb(222, 163,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 172.0910, 59.2390, -10.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 163, 88) }
```

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

```
.background{ background-color: rgb(222,  
163, 88) }
```

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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