

Converting Colors

YIQ(172.2590, 58.8260, -8.8380)

Have a look what the booklet for
YIQ(172.2590, 58.8260, -8.8380)
contains.

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Color

**YIQ(172.2590, 58.8260,
-8.8380)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DFA25C |
| RGB | 223, 162, 92 |
| RGB Percent | 87%, 64%, 36% |
| CMY | 0.1254, 0.3648, 0.6389 |
| CMYK | 0.00, 0.27, 0.59, 0.13 |
| HSL | 32°, 67%, 62% |
| HSV | 32°, 59%, 87% |
| XYZ | 45.2902, 42.2976, 15.9192 |
| YIQ | 172.2590, 58.8260, -8.8380 |

Conversions

Conversions Part 2

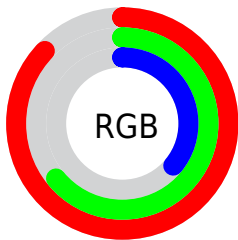
| Format | Color |
|-------------------------------------|---|
| RYB | 206, 223, 92 |
| Decimal | 14656092 |
| CIELab | 71.08, 15.21, 44.77 |
| CIELCh | 71, 47.281, 71.238 |
| Yxy | 42.2976, 0.4376, 0.4086 |
| Android (android.graphics.Color) | 4292846172 (0xFFDFA25C) |
| YUV | 172.2590, -39.5677, 44.4999 |
| Hunter-Lab | 65.0366, 10.4896, 31.0130 |

Details

The YIQ color **172.2590, 58.8260, -8.8380** 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 **142.7410, -58.8260, 8.8380**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0400, 46.0810, -14.6470**, and **118.3940, 54.0120, -9.7000** is the 20% darker color. If you saturate the color by 10%, you get **163.8810, 68.6380, -10.4500**, and if you desaturate by 10%, it is **180.6370, 49.0140, -7.2260**.

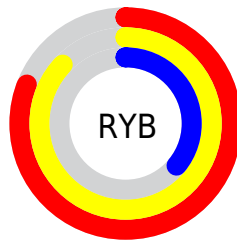
Distribution



Red (87%)

Green (64%)

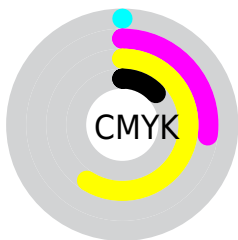
Blue (36%)



Red (81%)

Yellow (87%)

Blue (36%)

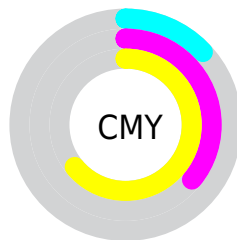


Cyan (0%)

Magenta (27%)

Yellow (59%)

Black (13%)



Cyan (13%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.2590, 58.8260, -8.8380 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 172.2590, 58.8260, -8.8380 by changing the saturation by 10% instead.

172.2590, 58.8260,
-8.8380

172.2590, 58.8260,
-8.8380

255.0000, -0.0000,
-0.0000

145.1770, 56.1210,
-9.3750

220.0400, 46.0810,
-14.6470

118.5080, 53.6910,
-9.3890

239.5540, 29.7140,
-20.8940

93.0840, 51.9490,
-10.8590

248.6160, 17.9760,
-17.4160

69.2730, 47.0430,
-10.0530

251.8080, 8.9880,
-8.7080

48.2860, 37.0010,
-4.2710

27.8860, 26.6840,
0.9880

9.2690, 18.4760,

6.5720

■ 0.0000, 0.0000,
0.0000

■ 172.2590, 58.8260,
-8.8380

■ 172.2590, 58.8260,
-8.8380

■ 163.8810, 68.6380,
-10.4500

■ 180.6370, 49.0140,
-7.2260

■ 154.8020, 79.0460,
-11.8500

■ 189.7160, 38.6060,
-5.8260

■ 146.4240, 88.8580,
-13.4620

■ 198.0940, 28.7940,
-4.2140

■ 137.4590, 98.9450,
-14.5510

■ 207.0590, 18.7070,
-3.1250

■ 136.5300,
100.1830, -14.9610

■ 215.5510, 8.5740,
-1.2020

■ 223.9290, -1.2380,
0.4100

■ 232.8940,
-11.3250, 1.4990

■ 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.



174.3060, 69.7800, 12.9160



172.2590, 58.8260, -8.8380



169.1320, 33.6580, -26.2940

Triad

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



172.2590, 58.8260, -8.8380



136.5980, -114.5690, -43.7290



178.3190, -1.0150, 34.9290

Complementary

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



172.2590, 58.8260, -8.8380



142.7410, -58.8260, 8.8380

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.



170.3880, -50.1620, 17.0220



172.2590, 58.8260, -8.8380



140.0980, -127.1800, -29.9320

Square

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



172.2590, 58.8260, -8.8380



153.1320, -54.5990, -40.2550



138.2520, -133.0050, -17.9730



178.8430, 38.5520, 39.2240

Rectangle

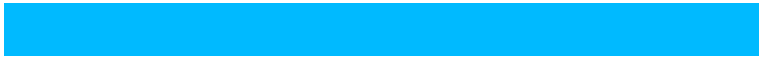
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.2590, 58.8260, -8.8380



165.8130, 9.4510, -33.6290



138.2520, -133.0050, -17.9730



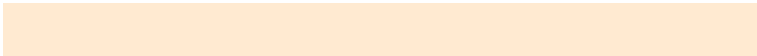
177.1860, -16.8780, 30.5620

Sweetspot

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



172.2590, 58.8260, -8.8380



237.4290, 20.5410, -3.3230



138.1230, 58.4950, 46.7430



116.4760, 13.1590, -1.6970



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.



172.2590, 58.8260, -8.8380



185.9870, 79.9630, -11.9490



206.8700, 39.6670, -41.5890



107.8110, 4.9060, -0.8060



107.8020, 79.0460, -11.8500



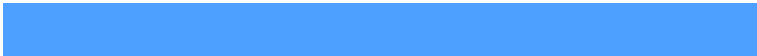
29.6140, 21.4580, -3.4220

Inverse Universe

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



142.7410, -58.8260, 8.8380



146.0130, -79.9630, 11.9490



108.1300, -39.6670, 41.5890



105.1890, -4.9060, 0.8060



68.1980, -79.0460, 11.8500



18.9730, -21.7330, 2.8990

Previews

White Background



This preview shows how the YIQ color 172.2590, 58.8260, -8.8380 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 172.2590, 58.8260, -8.8380 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 172.2590, 58.8260, -8.8380

Background



This preview shows how black text looks on a background with the YIQ color 172.2590, 58.8260, -8.8380.



This preview shows how white text looks on a background with the YIQ color 172.2590, 58.8260, -8.8380.

-8.8380.

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

172.2590, 58.8260, -8.8380

Protanopia

170.4900, 35.7660, -20.4420

Deuteranopia

171.8020, 52.6830, -13.1490



Tritanopia

177.0920, 41.4440, 19.8440

Trichromacy



Original Color

172.2590, 58.8260, -8.8380

Protanomaly

171.3170, 43.7430, -16.3290

Deuteranomaly

172.1120, 54.7460, -11.9900

Tritanomaly

175.1770, 48.0940, 9.4540

Monochromacy



Original Color

172.2590, 58.8260, -8.8380

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0270, 21.7330, -2.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2590, 58.8260, -8.8380 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, 162, 92)` looks like.

```
.text, #text, p{  
    color:rgb(223, 162, 92)  
}
```

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, 162, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 162, 92) }
```

Border

The CSS property to change the border of an element to YIQ 172.2590, 58.8260, -8.8380 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, 162, 92) }
```


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

```
.border{ border-color:rgb(223, 162, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 162, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 162, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 162, 92);  
box-shadow:4px 4px 4px 4px rgb(223, 162,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2590, 58.8260, -8.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 162, 92) }
```

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

```
.background{ background-color: rgb(223,  
162, 92) }
```

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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