

Converting Colors

YIQ(175.1250, 53.8720, 3.8560)

Have a look what the booklet for
YIQ(175.1250, 53.8720, 3.8560)
contains.

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Color

**YIQ(175.1250, 53.8720,
3.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	E59E7A
RGB	229, 158, 122
RGB Percent	90%, 62%, 48%
CMY	0.1018, 0.3805, 0.5213
CMYK	0.00, 0.31, 0.47, 0.10
HSL	20°, 67%, 69%
HSV	20°, 47%, 90%
XYZ	48.0635, 42.5143, 24.1053
YIQ	175.1250, 53.8720, 3.8560

Conversions

Conversions Part 2

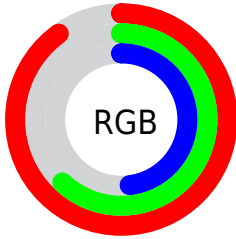
Format	Color
R _Y B	229, 176, 122
Decimal	15048314
CIE Lab	71.22, 22.38, 29.40
CIE LCh	71, 36.948, 52.716
Yxy	42.5143, 0.4191, 0.3707
Android (android.graphics.Color)	4293238394 (0xFFE59E7A)
YUV	175.1250, -26.1906, 47.2484
Hunter-Lab	65.2030, 17.4734, 23.7229

Details

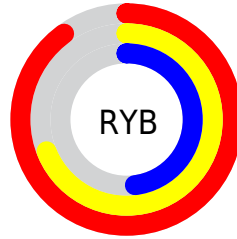
The YIQ color **175.1250, 53.8720, 3.8560** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **175.8750, -53.8720, -3.8560**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.2260, 37.2300, -2.9140**, and **121.6730, 49.3330, 3.5170** is the 20% darker color. If you saturate the color by 10%, you get **163.6980, 65.3800, 4.5480**, and if you desaturate by 10%, it is **186.5520, 42.3640, 3.1640**.

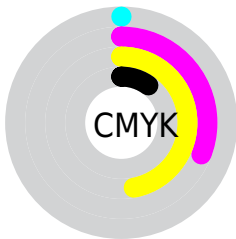
Distribution



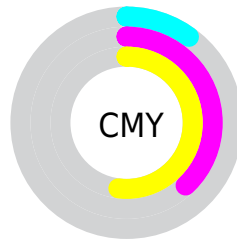
- Red (90%)
- Green (62%)
- Blue (48%)



- Red (90%)
- Yellow (69%)
- Blue (48%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.1250, 53.8720, 3.8560 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 175.1250, 53.8720, 3.8560 by changing the saturation by 10% instead.


 175.1250, 53.8720,
3.8560

 175.1250, 53.8720,
3.8560


255.0000, -0.0000,
-0.0000

 148.3420, 51.7630,
3.5310


 221.2260, 37.2300,
-2.9140


 121.6730, 49.3330,
3.5170


 240.7400, 20.8630,
-9.1610

 96.5910, 46.6280,
2.9800

 252.2640, 7.7040,
-7.4640

 71.6230, 43.6020,
2.7540

 47.3130, 41.5390,
1.5950

 25.8700, 32.7810,
6.1330

 11.3620, 22.6480,

8.0560

■ 0.0000, 0.0000,
0.0000

■ 175.1250, 53.8720,
3.8560

■ 175.1250, 53.8720,
3.8560

■ 163.6980, 65.3800,
4.5480

■ 186.5520, 42.3640,
3.1640

■ 152.2710, 76.8880,
5.2400

■ 197.9790, 30.8560,
2.4720

■ 140.2570, 88.6710,
6.4550

■ 209.9930, 19.0730,
1.2570

■ 128.8300,
100.1790, 7.1470

■ 221.4200, 7.5650,
0.5650

■ 117.5170,
111.3660, 8.1500

■ 232.8470, -3.9430,
-0.1270

■ 113.6700,
115.3090, 8.2770

■ 243.7040,
-13.8460, -2.3740

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



176.9100, 53.6400, 19.0800



175.1250, 53.8720, 3.8560



172.9840, 40.4870, -12.3850

Triad

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



175.1250, 53.8720, 3.8560



158.1250, -52.7210, -30.2330



176.0400, -22.6990, 20.4130

Complementary

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



175.1250, 53.8720, 3.8560



175.8750, -53.8720, -3.8560

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.



166.9210, -59.5130, 4.7670



175.1250, 53.8720, 3.8560



149.4430, -88.6670, -28.5630

Square

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



175.1250, 53.8720, 3.8560



164.8720, -15.4000, -29.2880



153.2770, -90.5950, -15.6430



179.2740, 12.0530, 29.3730

Rectangle

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



175.1250, 53.8720, 3.8560



170.9280, 25.7250, -20.1870



153.2770, -90.5950, -15.6430



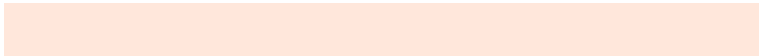
173.7610, -35.2150, 15.9610

Sweetspot

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



175.1250, 53.8720, 3.8560



236.8080, 18.1560, 1.3560



162.0870, 40.9810, 44.7650



116.6870, 11.1870, 1.0030



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.



175.1250, 53.8720, 3.8560



182.9330, 72.0280, 5.2120



206.2360, 39.2970, -23.8630



108.9360, 6.0520, 0.4520



88.7410, 90.1840, 6.5680



25.2280, 25.7210, 1.9210

Inverse Universe

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



175.8750, -53.8720, -3.8560



184.0670, -72.0280, -5.2120



144.7640, -39.2970, 23.8630



109.0640, -6.0520, -0.4520



90.2590, -90.1840, -6.5680



25.7720, -25.7210, -1.9210

Previews

White Background



This preview shows how the YIQ color 175.1250, 53.8720, 3.8560 looks on a white background.

Color Contrast Check

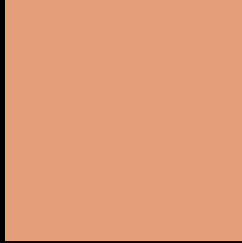
Large Text (above 18pt) WCAG AA × Fail

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 175.1250, 53.8720, 3.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

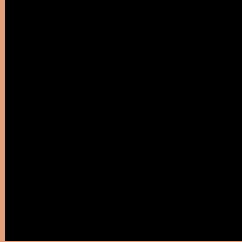
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.1250, 53.8720, 3.8560

Background



This preview shows how black text looks on a background with the YIQ color 175.1250, 53.8720, 3.8560.



This preview shows how white text looks on a background with the YIQ color 175.1250, 53.8720,

3.8560.

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

175.1250, 53.8720, 3.8560

Protanopia

173.6430, 22.5140, -11.5500

Deuteranopia

174.2000, 40.1190, -5.7130



Tritanopia

177.5870, 44.4240, 20.9040

Trichromacy



Original Color

175.1250, 53.8720, 3.8560

Protanomaly

174.2640, 34.0670, -6.1650

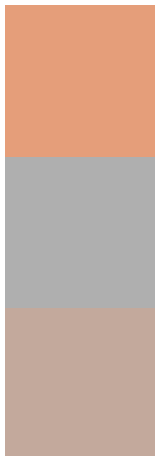
Deuteranomaly

174.6460, 44.7950, -2.3490

Tritanomaly

176.7520, 48.0930, 14.9810

Monochromacy



Original Color

175.1250, 53.8720, 3.8560

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.2920, 19.6690, 1.4690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1250, 53.8720, 3.8560 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(229, 158, 122)` looks like.

```
.text, #text, p{  
    color:rgb(229, 158, 122)  
}
```

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(229, 158, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 158, 122) }
```

Border

The CSS property to change the border of an element to YIQ 175.1250, 53.8720, 3.8560 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(229, 158, 122) }
```


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

```
.border{ border-color:rgb(229, 158, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 158, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 158, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 158, 122);  
box-shadow:4px 4px 4px 4px rgb(229, 158,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1250, 53.8720, 3.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 158, 122) }
```

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

```
.background{ background-color: rgb(229,  
158, 122) }
```

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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