

Converting Colors

YIQ(189.9570, 45.1170, -8.1870)

Have a look what the booklet for
YIQ(189.9570, 45.1170, -8.1870)
contains.

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Color

**YIQ(189.9570, 45.1170,
-8.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B77E
RGB	228, 183, 126
RGB Percent	89%, 72%, 49%
CMY	0.1058, 0.2824, 0.5057
CMYK	0.00, 0.20, 0.45, 0.11
HSL	33°, 65%, 69%
HSV	34°, 45%, 89%
XYZ	52.6998, 51.8639, 26.9911
YIQ	189.9570, 45.1170, -8.1870

Conversions

Conversions Part 2

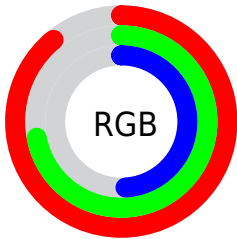
Format	Color
R_{YB}	207, 228, 126
Decimal	14989182
CIE _{Lab}	77.20, 9.04, 35.05
CIE _{LCh}	77, 36.200, 75.533
Yxy	51.8639, 0.4006, 0.3942
Android (android.graphics.Color)	4293179262 (0xFFE4B77E)
YUV	189.9570, -31.5308, 33.3637
Hunter-Lab	72.0166, 4.5925, 28.1903

Details

The YIQ color **189.9570, 45.1170, -8.1870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **164.0430, -45.1170, 8.1870**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.9440, 28.7960, -15.2680**, and **136.1030, 41.7700, -8.1020** is the 20% darker color. If you saturate the color by 10%, you get **181.4650, 55.2500, -10.1100**, and if you desaturate by 10%, it is **198.4490, 34.9840, -6.2640**.

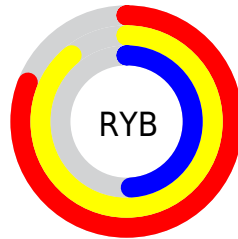
Distribution



Red (89%)

Green (72%)

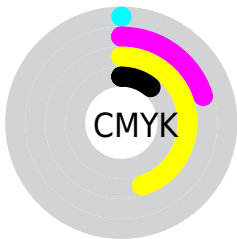
Blue (49%)



Red (81%)

Yellow (89%)

Blue (49%)

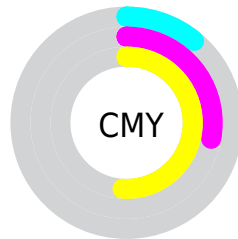


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (11%)



Cyan (11%)


Magenta (28%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.9570, 45.1170, -8.1870 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 189.9570, 45.1170, -8.1870 by changing the saturation by 10% instead.


 189.9570, 45.1170,
-8.1870


 189.9570, 45.1170,
-8.1870


255.0000, -0.0000,
-0.0000

 162.5870, 43.2830,
-7.9890


 236.9440, 28.7960,
-15.2680


 136.1030, 41.7700,
-8.1020


 249.5280, 15.4080,
-14.9280

 110.3200, 39.6610,
-8.4270

 252.8340, 6.0990,
-5.9090

 85.2380, 36.9560,
-8.9640

 61.2270, 35.4890,
-9.9110

 40.2680, 28.2440,
-5.2600

 21.3410, 17.9730,

-0.8350

■ 0.0000, 0.0000,
0.0000

■ 189.9570, 45.1170,
-8.1870

■ 189.9570, 45.1170,
-8.1870

■ 181.4650, 55.2500,
-10.1100

■ 198.4490, 34.9840,
-6.2640

■ 172.9730, 65.3830,
-12.0330

■ 206.9410, 24.8510,
-4.3410

■ 164.5950, 75.1950,
-13.6450

■ 215.3190, 15.0390,
-2.7290

■ 156.1030, 85.3280,
-15.5680

■ 223.8110, 4.9060,
-0.8060

■ 147.6110, 95.4610,
-17.4910

■ 232.3030, -5.2270,
1.1170

■ 142.7210,
100.9630, -18.0850

■ 239.8830,
-12.7920, 0.5520

■ 245.7530,
-15.5420, -4.6780

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



192.1300, 55.4760, 7.8280



189.9570, 45.1170, -8.1870



186.7320, 23.3410, -21.0350

Triad

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



189.9570, 45.1170, -8.1870



170.7990, -75.0500, -27.5460



195.3270, 4.5340, 27.9740

Complementary

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



189.9570, 45.1170, -8.1870



164.0430, -45.1170, 8.1870

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.



190.8540, -31.0430, 17.4450



189.9570, 45.1170, -8.1870



171.2620, -86.2390, -17.4950

Square

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



189.9570, 45.1170, -8.1870



177.1000, -42.4050, -29.9650



181.4640, -65.6560, 0.4560



195.2950, 33.9230, 29.4990

Rectangle

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



189.9570, 45.1170, -8.1870



183.9190, 3.5810, -26.3630



181.4640, -65.6560, 0.4560



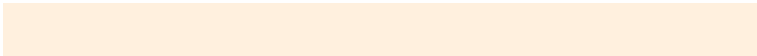
194.2870, -7.1570, 25.0910

Sweetspot

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



189.9570, 45.1170, -8.1870



242.4330, 14.7180, -2.4180



161.7420, 46.0260, 35.9300



119.7360, 9.4910, -1.3010



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.



189.9570, 45.1170, -8.1870



203.4610, 61.0730, -11.0150



214.8770, 29.7620, -32.7820



110.6970, 5.2270, -1.1170



112.2210, 79.1840, -14.3520



31.6850, 22.6960, -3.8320

Inverse Universe

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



164.0430, -45.1170, 8.1870



168.5390, -61.0730, 11.0150



139.1230, -29.7620, 32.7820



107.3030, -5.2270, 1.1170



66.7790, -79.1840, 14.3520



19.3150, -22.6960, 3.8320

Previews

White Background



This preview shows how the YIQ color 189.9570, 45.1170, -8.1870 looks on a white background.

Color Contrast Check

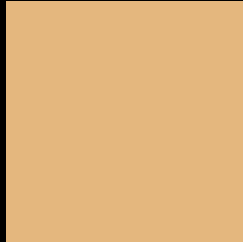
Large Text (above 18pt) WCAG AA × Fail

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 189.9570, 45.1170, -8.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

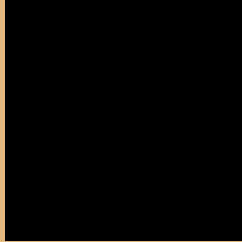
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.9570, 45.1170, -8.1870

Background



This preview shows how black text looks on a background with the YIQ color 189.9570, 45.1170, -8.1870.



This preview shows how white text looks on a background with the YIQ color 189.9570, 45.1170,

-8.1870.

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

189.9570, 45.1170, -8.1870

Protanopia

188.7160, 29.4380, -15.8900

Deuteranopia

190.2560, 45.7130, -7.9750



Tritanopia

194.2370, 30.6700, 16.8620

Trichromacy



Original Color

189.9570, 45.1170, -8.1870

Protanomaly

189.2330, 35.3520, -12.9360

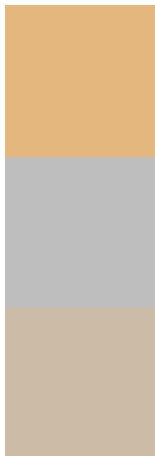
Deuteranomaly

190.2560, 45.7130, -7.9750

Tritanomaly

192.7780, 36.0360, 7.7160

Monochromacy



Original Color

189.9570, 45.1170, -8.1870

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.8030, 16.5520, -2.6160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.9570, 45.1170, -8.1870 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(228, 183, 126)` looks like.

```
.text, #text, p{  
    color:rgb(228, 183, 126)  
}
```

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(228, 183, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 183, 126) }
```

Border

The CSS property to change the border of an element to YIQ 189.9570, 45.1170, -8.1870 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(228, 183, 126) }
```


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

```
.border{ border-color:rgb(228, 183, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 183, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 183, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 183, 126); box-shadow:4px 4px 4px 4px rgb(228, 183, 126) }
```

Background

The CSS property to change the background color of an element to YIQ 189.9570, 45.1170, -8.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 183, 126) }
```

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

```
.background{ background-color: rgb(228,  
183, 126) }
```

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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