

Converting Colors

YIQ(189.1610, 45.0230, 4.5350)

Have a look what the booklet for
YIQ(189.1610, 45.0230, 4.5350)
contains.

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Color

**YIQ(189.1610, 45.0230,
4.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAE93
RGB	235, 174, 147
RGB Percent	92%, 68%, 58%
CMY	0.0783, 0.3177, 0.4233
CMYK	0.00, 0.26, 0.37, 0.08
HSL	18°, 69%, 75%
HSV	18°, 37%, 92%
XYZ	54.6733, 50.0381, 34.4014
YIQ	189.1610, 45.0230, 4.5350

Conversions

Conversions Part 2

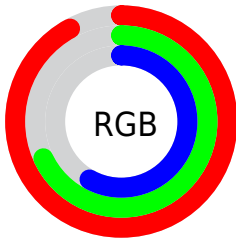
Format	Color
R _Y B	235, 186, 147
Decimal	15445651
CIE Lab	76.09, 18.88, 22.56
CIE LCh	76, 29.419, 50.079
Yxy	50.0381, 0.3930, 0.3597
Android (android.graphics.Color)	4293635731 (0xFFEBAE93)
YUV	189.1610, -20.7854, 40.2008
Hunter-Lab	70.7376, 14.1723, 20.6821

Details

The YIQ color **189.1610, 45.0230, 4.5350** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **192.8390, -45.0230, -4.5350**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.1690, 24.2090, -3.7190**, and **134.8940, 41.4010, 4.0970** is the 20% darker color. If you saturate the color by 10%, you get **177.1470, 56.8060, 5.7500**, and if you desaturate by 10%, it is **201.2890, 32.9190, 3.6310**.

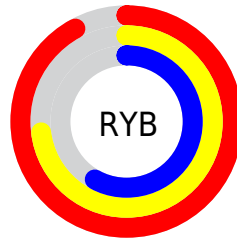
Distribution



Red (92%)

Green (68%)

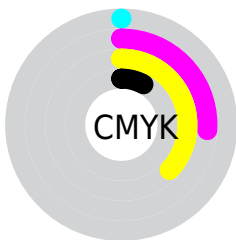
Blue (58%)



Red (92%)

Yellow (73%)

Blue (58%)

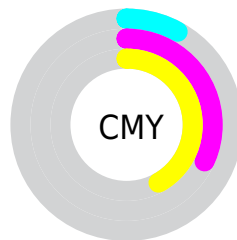


Cyan (0%)

Magenta (26%)

Yellow (37%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.1610, 45.0230, 4.5350 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 189.1610, 45.0230, 4.5350 by changing the saturation by 10% instead.

 189.1610, 45.0230,
4.5350


 189.1610, 45.0230,
4.5350


255.0000, -0.0000,
-0.0000


 161.6770, 43.5100,
4.4220


 234.1690, 24.2090,
-3.7190


 134.8940, 41.4010,
4.0970

 252.0360, 8.3460,
-8.0860

 109.4100, 39.8880,
3.9840

 84.4420, 36.8620,
3.7580

 60.6590, 34.7530,
3.4330

 37.2350, 33.0110,
1.9630

 16.9770, 25.1700,

6.4020

■ 1.4950, 2.9800,
1.0600

■ 0.0000, 0.0000,
0.0000

■ 189.1610, 45.0230,
4.5350

■ 189.1610, 45.0230,
4.5350

■ 177.1470, 56.8060,
5.7500

■ 201.2890, 32.9190,
3.6310

■ 164.4320, 69.1850,
7.1770

■ 213.8900, 20.8610,
1.8930

■ 152.4180, 80.9680,
8.3920

■ 226.0180, 8.7570,
0.9890

■ 140.2900, 93.0720,
9.2960

■ 238.0320, -3.0260,
-0.2260

■ 127.6890,
105.1300, 11.0340

■ 249.0200,
-11.9200, -4.2400

■ 115.5610,
117.2340, 11.9380

■ 112.5290,
120.2600, 12.1640

Harmonies

Analogous

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



190.6530, 44.0580, 16.5220



189.1610, 45.0230, 4.5350



187.2810, 35.3970, -8.2430

Triad

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



189.1610, 45.0230, 4.5350



176.7250, -36.6750, -23.6750



188.6610, -20.3140, 15.7340

Complementary

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



189.1610, 45.0230, 4.5350



192.8390, -45.0230, -4.5350

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.



182.9240, -46.4000, 3.9040



189.1610, 45.0230, 4.5350



174.2250, -58.4540, -19.9420

Square

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



189.1610, 45.0230, 4.5350



180.4970, -9.6700, -22.9980



175.9940, -61.7570, -9.6370



192.1330, 7.8360, 23.1960

Rectangle

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



189.1610, 45.0230, 4.5350



185.4210, 23.0190, -15.1970



175.9940, -61.7570, -9.6370



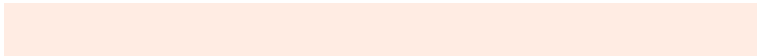
186.8770, -29.8500, 12.3420

Sweetspot

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



189.1610, 45.0230, 4.5350



240.6550, 14.2130, 1.2290



180.3800, 32.5460, 37.9380



119.0180, 8.7570, 0.9890



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.



189.1610, 45.0230, 4.5350



194.9300, 58.9150, 6.0750



214.4020, 33.1980, -17.9540



111.0500, 5.7310, 0.7630



86.4040, 92.7510, 9.6070



25.5380, 27.7840, 3.0800

Inverse Universe

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



192.8390, -45.0230, -4.5350



200.0700, -58.9150, -6.0750



167.5980, -33.1980, 17.9540



111.9500, -5.7310, -0.7630



94.5960, -92.7510, -9.6070



27.8750, -27.5090, -2.5570

Previews

White Background



This preview shows how the YIQ color 189.1610, 45.0230, 4.5350 looks on a white background.

Color Contrast Check

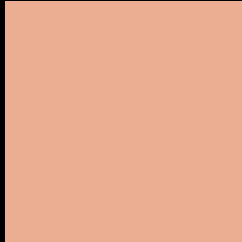
Large Text (above 18pt) WCAG AA × Fail

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 189.1610, 45.0230, 4.5350 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 189.1610, 45.0230, 4.5350

Background



This preview shows how black text looks on a background with the YIQ color 189.1610, 45.0230, 4.5350.



This preview shows how white text looks on a background with the YIQ color 189.1610, 45.0230,

4.5350.

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

189.1610, 45.0230, 4.5350

Protanopia

187.2990, 17.7910, -8.5530

Deuteranopia

188.0840, 34.7540, -2.0940



Tritanopia

191.1130, 36.9510, 18.6710

Trichromacy



Original Color

189.1610, 45.0230, 4.5350

Protanomaly

188.0230, 27.5560, -3.8040

Deuteranomaly

188.4050, 38.2840, 0.0120

Tritanomaly

190.5060, 39.9780, 13.3700

Monochromacy



Original Color

189.1610, 45.0230, 4.5350

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.4380, 16.3220, 1.5540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.1610, 45.0230, 4.5350 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(235, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 147)  
}
```

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(235, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 147) }
```

Border

The CSS property to change the border of an element to YIQ 189.1610, 45.0230, 4.5350 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(235, 174, 147) }
```


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

```
.border{ border-color:rgb(235, 174, 147) }
```

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

Here you see how a box with a 4 pixel rgb(235, 174, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 189.1610, 45.0230, 4.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 147) }
```

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

```
.background{ background-color: rgb(235,  
174, 147) }
```

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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