

Converting Colors

YIQ(197.1680, 43.1450, -5.4870)

Have a look what the booklet for
YIQ(197.1680, 43.1450, -5.4870)
contains.

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Color

**YIQ(197.1680, 43.1450,
-5.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBD8C
RGB	235, 189, 140
RGB Percent	92%, 74%, 55%
CMY	0.0784, 0.2589, 0.4508
CMYK	0.00, 0.20, 0.40, 0.08
HSL	31°, 70%, 74%
HSV	31°, 40%, 92%
XYZ	57.1986, 55.9474, 32.6158
YIQ	197.1680, 43.1450, -5.4870

Conversions

Conversions Part 2

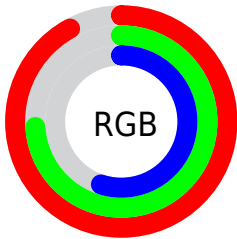
Format	Color
R _Y B	229, 235, 140
Decimal	15449484
CIE Lab	79.58, 10.14, 30.98
CIE LCh	80, 32.596, 71.883
Yxy	55.9474, 0.3924, 0.3838
Android (android.graphics.Color)	4293639564 (0xFFEBBD8C)
YUV	197.1680, -28.1838, 33.1787
Hunter-Lab	74.7980, 5.6037, 26.5051

Details

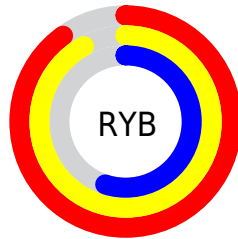
The YIQ color **197.1680, 43.1450, -5.4870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **177.8320, -43.1450, 5.4870**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.1760, 22.3310, -13.7410**, and **142.9010, 39.5230, -5.9250** is the 20% darker color. If you saturate the color by 10%, you get **188.0890, 53.5530, -6.8870**, and if you desaturate by 10%, it is **206.3610, 32.4160, -3.7760**.

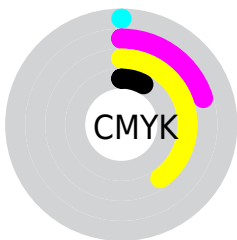
Distribution



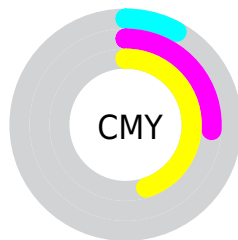
- Red (92%)
- Green (74%)
- Blue (55%)



- Red (90%)
- Yellow (92%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (8%)



- Cyan (8%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.1680, 43.1450, -5.4870 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 197.1680, 43.1450, -5.4870 by changing the saturation by 10% instead.

197.1680, 43.1450,
-5.4870

197.1680, 43.1450,
-5.4870

255.0000, -0.0000,
-0.0000

169.6840, 41.6320,
-5.6000

242.1760, 22.3310,
-13.7410

142.9010, 39.5230,
-5.9250

251.2380, 10.5930,
-10.2630

116.8300, 38.2850,
-5.5150

254.5440, 1.2840,
-1.2440

91.7480, 35.5800,
-6.0520

67.9650, 33.4710,
-6.3770

45.2960, 31.0410,
-6.3910

25.7820, 21.0450,

-1.4430

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 197.1680, 43.1450,
-5.4870

■ 197.1680, 43.1450,
-5.4870

■ 188.0890, 53.5530,
-6.8870

■ 206.3610, 32.4160,
-3.7760

■ 178.3090, 64.5570,
-8.0750

■ 216.0270, 21.7330,
-2.8990

■ 169.2300, 74.9650,
-9.4750

■ 225.2200, 11.0040,
-1.1880

■ 159.4500, 85.9690,
-10.6630

■ 234.8860, 0.3210,
-0.3110

■ 150.3710, 96.3770,
-12.0630

■ 243.7370, -9.4450,
0.4670

■ 141.2920,
106.7850, -13.4630

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



199.6180, 51.1660, 8.8460



197.1680, 43.1450, -5.4870



194.3240, 24.6700, -17.5860

Triad

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



197.1680, 43.1450, -5.4870



181.7360, -61.5710, -24.0270



201.1800, 0.4540, 24.8220

Complementary

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



197.1680, 43.1450, -5.4870



177.8320, -43.1450, 5.4870

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.



196.7460, -30.8590, 14.1090



197.1680, 43.1450, -5.4870



182.2590, -72.9890, -15.3330

Square

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



197.1680, 43.1450, -5.4870



186.1720, -33.7400, -27.3080



188.7590, -59.2370, -0.2370



202.1910, 28.2840, 27.0680

Rectangle

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



197.1680, 43.1450, -5.4870



191.8810, 6.7440, -23.1120



188.7590, -59.2370, -0.2370



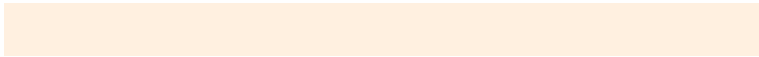
200.3250, -10.3200, 21.8400

Sweetspot

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



197.1680, 43.1450, -5.4870



242.6610, 14.0760, -1.7960



173.8770, 41.2120, 35.0680



120.6650, 8.2530, -0.8910



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.



197.1680, 43.1450, -5.4870



206.4590, 55.3870, -7.0850



224.1700, 30.4950, -29.5450



112.8110, 4.9060, -0.8060



108.7100, 82.3010, -10.2670



32.5820, 24.4840, -3.1960

Inverse Universe

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



177.8320, -43.1450, 5.4870



181.5410, -55.3870, 7.0850



150.8300, -30.4950, 29.5450



110.1890, -4.9060, 0.8060



72.2900, -82.3010, 10.2670



21.4180, -24.4840, 3.1960

Previews

White Background



This preview shows how the YIQ color 197.1680, 43.1450, -5.4870 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 197.1680, 43.1450, -5.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

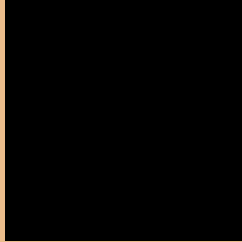
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.1680, 43.1450, -5.4870

Background



This preview shows how black text looks on a background with the YIQ color 197.1680, 43.1450, -5.4870.



This preview shows how white text looks on a background with the YIQ color 197.1680, 43.1450, -5.4870.

-5.4870.

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

197.1680, 43.1450, -5.4870

Protanopia

195.4430, 25.9530, -13.3030

Deuteranopia

197.1680, 43.1450, -5.4870



Tritanopia

201.2370, 30.6700, 16.8620

Trichromacy



Original Color

197.1680, 43.1450, -5.4870

Protanomaly

195.9600, 31.8670, -10.3490

Deuteranomaly

197.1680, 43.1450, -5.4870

Tritanomaly

200.1200, 35.0730, 8.6490

Monochromacy



Original Color

197.1680, 43.1450, -5.4870

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.0310, 15.9100, -1.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1680, 43.1450, -5.4870 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, 189, 140)` looks like.

```
.text, #text, p{  
    color:rgb(235, 189, 140)  
}
```

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, 189, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 189, 140) }
```

Border

The CSS property to change the border of an element to YIQ 197.1680, 43.1450, -5.4870 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, 189, 140) }
```


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

```
.border{ border-color:rgb(235, 189, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 189, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 189, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 189, 140);  
box-shadow:4px 4px 4px 4px rgb(235, 189,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1680, 43.1450, -5.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 189, 140) }
```

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

```
.background{ background-color: rgb(235,  
189, 140) }
```

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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