

Converting Colors

YIQ(198.4530, 46.3560,
-14.1240)

Have a look what the booklet for
YIQ(198.4530, 46.3560, -14.1240)
contains.

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Color

**YIQ(198.4530, 46.3560,
-14.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC37B
RGB	234, 195, 123
RGB Percent	92%, 76%, 48%
CMY	0.0823, 0.2353, 0.5174
CMYK	0.00, 0.17, 0.47, 0.08
HSL	39°, 73%, 70%
HSV	39°, 47%, 92%
XYZ	57.0261, 57.9489, 26.9386
YIQ	198.4530, 46.3560, -14.1240

Conversions

Conversions Part 2

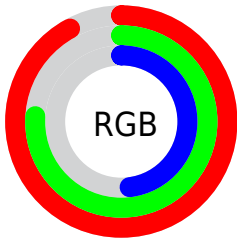
Format	Color
R _Y B	183, 234, 123
Decimal	15385467
CIE Lab	80.71, 4.86, 41.19
CIE LCh	81, 41.472, 83.276
Yxy	57.9489, 0.4018, 0.4083
Android (android.graphics.Color)	4293575547 (0xFFEAC37B)
YUV	198.4530, -37.1983, 31.1747
Hunter-Lab	76.1242, 0.5005, 32.3055

Details

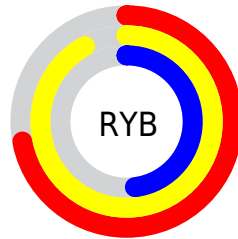
The YIQ color **198.4530, 46.3560, -14.1240** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **158.5470, -46.3560, 14.1240**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.7600, 26.1380, -22.1660**, and **144.1860, 42.7340, -14.5620** is the 20% darker color. If you saturate the color by 10%, you get **191.1350, 55.9390, -17.0930**, and if you desaturate by 10%, it is **205.7710, 36.7730, -11.1550**.

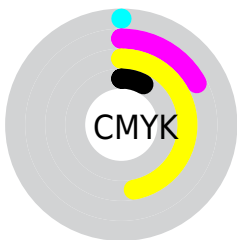
Distribution



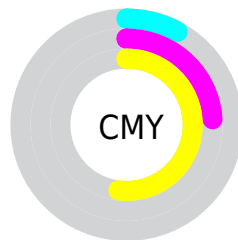
- Red (92%)
- Green (76%)
- Blue (48%)



- Red (72%)
- Yellow (92%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (47%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4530, 46.3560, -14.1240 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 198.4530, 46.3560, -14.1240 by changing the saturation by 10% instead.

198.4530, 46.3560,
-14.1240

198.4530, 46.3560,
-14.1240

255.0000, -0.0000,
-0.0000

170.9690, 44.8430,
-14.2370

243.7600, 26.1380,
-22.1660

144.1860, 42.7340,
-14.5620

249.1860, 16.3710,
-15.8610

117.8160, 40.9000,
-14.3640

252.4920, 7.0620,
-6.8420

92.8050, 39.4330,
-15.3110

68.0220, 37.3240,
-15.6360

47.3340, 27.8780,
-9.6420

28.1190, 18.4780,

-4.4820

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 198.4530, 46.3560,
-14.1240

■ 198.4530, 46.3560,
-14.1240

■ 191.1350, 55.9390,
-17.0930

■ 205.7710, 36.7730,
-11.1550

■ 183.7030, 65.8430,
-20.3730

■ 213.2030, 26.8690,
-7.8750

■ 175.7980, 75.7010,
-22.8190

■ 221.1080, 17.0110,
-5.4290

■ 168.3660, 85.6050,
-26.0990

■ 228.5400, 7.1070,
-2.1490

■ 161.0480, 95.1880,
-29.0680

■ 235.8580, -2.4760,
0.8200

■ 159.1900, 97.6640,
-29.8880

■ 242.2640, -9.4910,
1.3010

■ 247.5470,
-11.9660, -3.4060

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



199.0390, 56.9900, 2.4140



198.4530, 46.3560, -14.1240



194.4060, 18.2070, -27.1130

Triad

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



198.4530, 46.3560, -14.1240



170.8970, -104.8050, -33.4530



205.8770, 14.8490, 33.7690

Complementary

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



198.4530, 46.3560, -14.1240



158.5470, -46.3560, 14.1240

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.



200.3560, -20.7730, 18.5470



198.4530, 46.3560, -14.1240



174.9980, -103.1110, -20.0950

Square

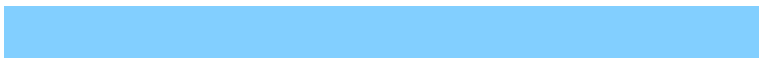
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.4530, 46.3560, -14.1240



181.2870, -62.1650, -35.2930



189.4490, -61.3000, -1.3960



200.6760, 37.2240, 30.2480

Rectangle

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



198.4530, 46.3560, -14.1240



191.5540, -5.8170, -32.2570



189.4490, -61.3000, -1.3960



204.9510, 2.8370, 31.1970

Sweetspot

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



198.4530, 46.3560, -14.1240



243.2650, 15.1310, -4.3970



160.8630, 52.9950, 36.2830



120.7960, 9.2620, -2.6580



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.



198.4530, 46.3560, -14.1240



208.5330, 60.5700, -18.4220



216.8610, 26.6910, -37.7010



113.3980, 4.6310, -1.3290



122.7980, 75.7010, -22.8190



36.6910, 22.5590, -6.8570

Inverse Universe

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



158.5470, -46.3560, 14.1240



156.4670, -60.5700, 18.4220



140.1390, -26.6910, 37.7010



109.6020, -4.6310, 1.3290



58.2020, -75.7010, 22.8190



17.3090, -22.5590, 6.8570

Previews

White Background



This preview shows how the YIQ color 198.4530, 46.3560, -14.1240 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 198.4530, 46.3560, -14.1240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

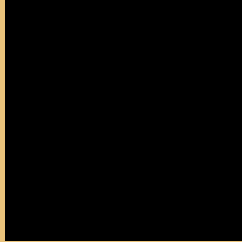
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.4530, 46.3560, -14.1240

Background



This preview shows how black text looks on a background with the YIQ color 198.4530, 46.3560, -14.1240.



This preview shows how white text looks on a background with the YIQ color 198.4530, 46.3560,

-14.1240.

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

198.4530, 46.3560, -14.1240

Protanopia

197.7180, 35.1240, -19.8200

Deuteranopia

198.9100, 52.4990, -9.8130



Tritanopia

204.0410, 28.2860, 16.0140

Trichromacy



Original Color

198.4530, 46.3560, -14.1240

Protanomaly

197.9250, 38.9750, -18.0250

Deuteranomaly

198.6000, 50.4360, -10.9720

Tritanomaly

201.7130, 34.6610, 5.1010

Monochromacy



Original Color

198.4530, 46.3560, -14.1240

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.2220, 16.6900, -5.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4530, 46.3560, -14.1240 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(234, 195, 123)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 123)  
}
```

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(234, 195, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 123) }
```

Border

The CSS property to change the border of an element to YIQ 198.4530, 46.3560, -14.1240 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(234, 195, 123) }
```


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

```
.border{ border-color:rgb(234, 195, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 123);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4530, 46.3560, -14.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 123) }
```

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

```
.background{ background-color: rgb(234,  
195, 123) }
```

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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