

Converting Colors

YIQ(197.4640, 47.8230,
-13.1770)

Have a look what the booklet for
YIQ(197.4640, 47.8230, -13.1770)
contains.

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Color

**YIQ(197.4640, 47.8230,
-13.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC17A
RGB	235, 193, 122
RGB Percent	92%, 76%, 48%
CMY	0.0784, 0.2432, 0.5213
CMYK	0.00, 0.18, 0.48, 0.08
HSL	38°, 74%, 70%
HSV	38°, 48%, 92%
XYZ	56.8484, 57.2033, 26.4778
YIQ	197.4640, 47.8230, -13.1770

Conversions

Conversions Part 2

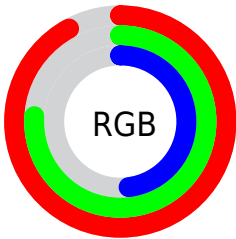
Format	Color
R _Y B	189, 235, 122
Decimal	15450490
CIE Lab	80.29, 6.21, 41.19
CIE LCh	80, 41.655, 81.422
Yxy	57.2033, 0.4045, 0.4071
Android (android.graphics.Color)	4293640570 (0xFFEBC17A)
YUV	197.4640, -37.2038, 32.9191
Hunter-Lab	75.6329, 1.8095, 32.1866

Details

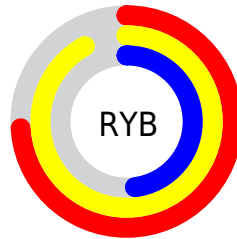
The YIQ color $197.4640, 47.8230, -13.1770$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $159.5360, -47.8230, 13.1770$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.3580, 27.3300, -21.7420$, and $143.1970, 44.2010, -13.6150$ is the 20% darker color. If you saturate the color by 10%, you get $189.5590, 57.6810, -15.6230$, and if you desaturate by 10%, it is $205.4830, 37.6440, -10.4200$.

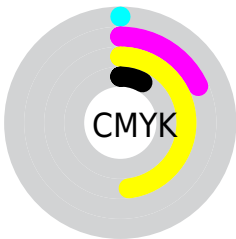
Distribution



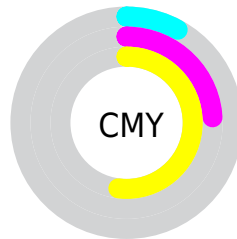
- Red (92%)
- Green (76%)
- Blue (48%)



- Red (74%)
- Yellow (92%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (48%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.4640, 47.8230, -13.1770 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 197.4640, 47.8230, -13.1770 by changing the saturation by 10% instead.

197.4640, 47.8230,
-13.1770

197.4640, 47.8230,
-13.1770

255.0000, -0.0000,
-0.0000

169.9800, 46.3100,
-13.2900

242.4720, 27.0090,
-21.4310

143.3110, 43.8800,
-13.3040

249.0720, 16.6920,
-16.1720

116.8270, 42.3670,
-13.4170

252.3780, 7.3830,
-7.1530

91.6310, 39.9830,
-14.2650

67.4350, 37.5990,
-15.1130

47.0460, 28.7490,
-8.9070

26.9450, 19.0280,

-3.4360

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 197.4640, 47.8230,
-13.1770

■ 197.4640, 47.8230,
-13.1770

■ 189.5590, 57.6810,
-15.6230

■ 205.4830, 37.6440,
-10.4200

■ 181.5400, 67.8600,
-18.3800

■ 212.8010, 28.0610,
-7.4510

■ 174.2220, 77.4430,
-21.3490

■ 220.8200, 17.8820,
-4.6940

■ 166.2030, 87.6220,
-24.1060

■ 228.7250, 8.0240,
-2.2480

158.2980, 97.4800,
-26.5520

236.7440, -2.1550,
0.5090

157.1410, 99.3600,
-27.5840

243.1500, -9.1700,
0.9900

248.4330,
-11.6450, -3.7170

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.



197.8650, 57.5400, 3.4600



197.4640, 47.8230, -13.1770



193.4880, 20.9120, -26.5760

Triad

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



197.4640, 47.8230, -13.1770



169.2560, -104.4380, -34.5980



204.2080, 12.4190, 33.7550

Complementary

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



197.4640, 47.8230, -13.1770



159.5360, -47.8230, 13.1770

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.



198.5730, -22.8820, 18.2220



197.4640, 47.8230, -13.1770



172.9050, -107.2830, -21.5790

Square

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



197.4640, 47.8230, -13.1770



179.9560, -59.7350, -35.2790



187.0680, -64.6010, -2.1450



200.2030, 37.1780, 31.0820

Rectangle

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



197.4640, 47.8230, -13.1770



190.3370, -3.7080, -31.9320



187.0680, -64.6010, -2.1450



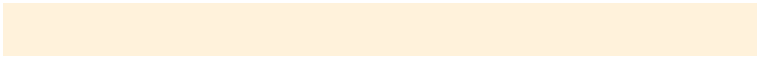
203.7550, 0.4530, 30.3490

Sweetspot

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



197.4640, 47.8230, -13.1770



243.2650, 15.1310, -4.3970



160.6890, 53.5450, 37.3290



120.2090, 9.5370, -2.1350



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.



197.4640, 47.8230, -13.1770



205.8430, 62.6330, -17.2630



218.2310, 28.5250, -37.8990



113.3980, 4.6310, -1.3290



121.0370, 76.5260, -21.2500



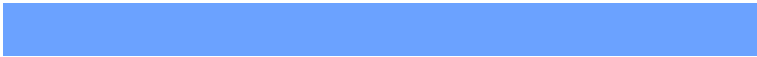
36.1040, 22.8340, -6.3340

Inverse Universe

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



159.5360, -47.8230, 13.1770



156.1570, -62.6330, 17.2630



138.7690, -28.5250, 37.8990



109.6020, -4.6310, 1.3290



59.9630, -76.5260, 21.2500



17.8960, -22.8340, 6.3340

Previews

White Background



This preview shows how the YIQ color 197.4640, 47.8230, -13.1770 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 197.4640, 47.8230, -13.1770 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 197.4640, 47.8230, -13.1770

Background



This preview shows how black text looks on a background with the YIQ color 197.4640, 47.8230, -13.1770.



This preview shows how white text looks on a background with the YIQ color 197.4640, 47.8230,

-13.1770.

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

197.4640, 47.8230, -13.1770

Protanopia

195.9460, 34.4820, -19.1980

Deuteranopia

197.6110, 51.9030, -10.0250



Tritanopia

202.9380, 30.0740, 16.6500

Trichromacy



Original Color

197.4640, 47.8230, -13.1770

Protanomaly

196.7510, 39.5250, -16.9790

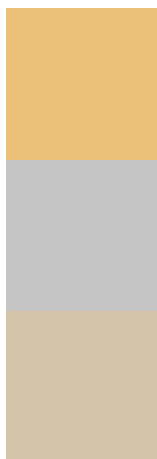
Deuteranomaly

197.6000, 50.4360, -10.9720

Tritanomaly

200.6100, 36.4490, 5.7370

Monochromacy



Original Color

197.4640, 47.8230, -13.1770

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.5210, 17.2860, -4.9060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.4640, 47.8230, -13.1770 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, 193, 122)` looks like.

```
.text, #text, p{  
    color:rgb(235, 193, 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(235, 193, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 193, 122) }
```

Border

The CSS property to change the border of an element to YIQ 197.4640, 47.8230, -13.1770 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, 193, 122) }
```


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

```
.border{ border-color:rgb(235, 193, 122) }
```

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

Here you see how a box with a 4 pixel rgb(235, 193, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 193, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 193, 122);  
box-shadow:4px 4px 4px 4px rgb(235, 193,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 197.4640, 47.8230, -13.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 193, 122) }
```

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

```
.background{ background-color: rgb(235,  
193, 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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