

Converting Colors

YIQ(188.4890, 46.6750, -3.3810)

Have a look what the booklet for
YIQ(188.4890, 46.6750, -3.3810)
contains.

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Color

**YIQ(188.4890, 46.6750,
-3.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B283
RGB	231, 178, 131
RGB Percent	91%, 70%, 51%
CMY	0.0940, 0.3020, 0.4860
CMYK	0.00, 0.23, 0.43, 0.09
HSL	28°, 68%, 71%
HSV	28°, 43%, 91%
XYZ	52.9795, 50.4651, 28.4412
YIQ	188.4890, 46.6750, -3.3810

Conversions

Conversions Part 2

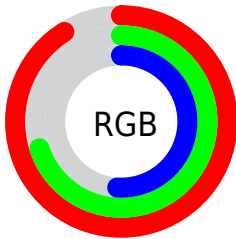
Format	Color
R_{YB}	231, 220, 131
Decimal	15184515
CIE Lab	76.35, 13.41, 31.38
CIE LCh	76, 34.129, 66.858
Yxy	50.4651, 0.4017, 0.3826
Android (android.graphics.Color)	4293374595 (0xFFE7B283)
YUV	188.4890, -28.3421, 37.2821
Hunter-Lab	71.0388, 8.8042, 25.9897

Details

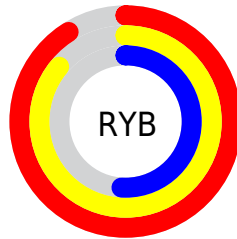
The YIQ color **188.4890, 46.6750, -3.3810** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **173.5110, -46.6750, 3.3810**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.5790, 28.5660, -11.0980**, and **134.3360, 42.7320, -3.5080** is the 20% darker color. If you saturate the color by 10%, you get **178.8230, 57.3580, -4.2580**, and if you desaturate by 10%, it is **198.1550, 35.9920, -2.5040**.

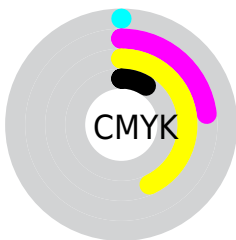
Distribution



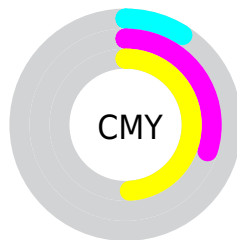
- Red (91%)
- Green (70%)
- Blue (51%)



- Red (91%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.4890, 46.6750, -3.3810 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 188.4890, 46.6750, -3.3810 by changing the saturation by 10% instead.


 188.4890, 46.6750,
-3.3810


 188.4890, 46.6750,
-3.3810


255.0000, -0.0000,
-0.0000

 161.1190, 44.8410,
-3.1830


 234.6930, 28.2450,
-10.7870


 134.3360, 42.7320,
-3.5080


 250.0980, 13.8030,
-13.3730

 108.5530, 40.6230,
-3.8330

 253.4040, 4.4940,
-4.3540

 83.8840, 38.1930,
-3.8470

 60.2750, 35.5340,
-5.2180

 38.5180, 30.5360,
-2.7440

 18.7160, 21.4110,

2.9390

■ 0.0000, 0.0000,
0.0000

■ 188.4890, 46.6750,
-3.3810

■ 188.4890, 46.6750,
-3.3810

■ 178.8230, 57.3580,
-4.2580

■ 198.1550, 35.9920,
-2.5040

■ 168.5700, 68.3160,
-4.6120

■ 207.8210, 25.3090,
-1.6270

■ 158.9040, 78.9990,
-5.4890

■ 218.0740, 14.3510,
-1.2730

■ 149.2380, 89.6820,
-6.3660

■ 227.7400, 3.6680,
-0.3960

■ 139.5720,
100.3650, -7.2430

■ 237.5200, -7.3360,
0.7920

■ 132.4650,
107.9760, -7.5120

■ 246.0630,
-13.4790, -3.5190

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



190.6830, 52.5410, 11.4610



188.4890, 46.6750, -3.3810



185.8900, 28.8880, -16.9360

Triad

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



188.4890, 46.6750, -3.3810



172.1550, -61.4330, -26.5290



192.1300, -5.2770, 24.0590

Complementary

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



188.4890, 46.6750, -3.3810



173.5110, -46.6750, 3.3810

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.



186.5000, -38.9740, 12.4980



188.4890, 46.6750, -3.3810



170.2150, -78.8570, -19.1210

Square

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



188.4890, 46.6750, -3.3810



177.4990, -30.3470, -28.2270



177.1600, -67.8560, -3.7280



193.2770, 25.1660, 28.5100

Rectangle

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



188.4890, 46.6750, -3.3810



183.5180, 12.2000, -22.8720



177.1600, -67.8560, -3.7280



190.2750, -16.0510, 21.0770

Sweetspot

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



188.4890, 46.6750, -3.3810



240.6720, 15.5430, -0.8490



166.9420, 42.5870, 37.6830



119.1490, 9.7660, -0.7780



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.



188.4890, 46.6750, -3.3810



198.7480, 61.9430, -4.7530



217.8390, 32.9250, -29.5310



110.1100, 5.5020, -0.5940



102.8290, 83.5840, -5.9840



29.3370, 23.7960, -1.7400

Inverse Universe

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



173.5110, -46.6750, 3.3810



178.8390, -62.2180, 4.2300



144.1610, -32.9250, 29.5310



107.8900, -5.5020, 0.5940



76.1710, -83.5840, 5.9840



21.6630, -23.7960, 1.7400

Previews

White Background



This preview shows how the YIQ color 188.4890, 46.6750, -3.3810 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 188.4890, 46.6750, -3.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

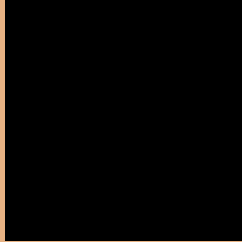
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.4890, 46.6750, -3.3810

Background



This preview shows how black text looks on a background with the YIQ color 188.4890, 46.6750, -3.3810.



This preview shows how white text looks on a background with the YIQ color 188.4890, 46.6750,

-3.3810.

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

188.4890, 46.6750, -3.3810

Protanopia

186.4430, 25.9530, -13.3030

Deuteranopia

188.4560, 42.2740, -6.2220



Tritanopia

191.9170, 34.5670, 17.8230

Trichromacy



Original Color

188.4890, 46.6750, -3.3810

Protanomaly

186.9710, 33.3340, -9.4020

Deuteranomaly

188.4670, 43.7410, -5.2750

Tritanomaly

190.9140, 38.6490, 9.9210

Monochromacy



Original Color

188.4890, 46.6750, -3.3810

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0420, 17.3770, -1.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4890, 46.6750, -3.3810 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(231, 178, 131)` looks like.

```
.text, #text, p{  
    color:rgb(231, 178, 131)  
}
```

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(231, 178, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 178, 131) }
```

Border

The CSS property to change the border of an element to YIQ 188.4890, 46.6750, -3.3810 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(231, 178, 131) }
```


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

```
.border{ border-color:rgb(231, 178, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 178, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 178, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 178, 131);  
box-shadow:4px 4px 4px 4px rgb(231, 178,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4890, 46.6750, -3.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 178, 131) }
```

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

```
.background{ background-color: rgb(231,  
178, 131) }
```

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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