

Converting Colors

YIQ(188.6630, 46.1250, -4.4270)

Have a look what the booklet for
YIQ(188.6630, 46.1250, -4.4270)
contains.

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Color

**YIQ(188.6630, 46.1250,
-4.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B382
RGB	230, 179, 130
RGB Percent	90%, 70%, 51%
CMY	0.0979, 0.2981, 0.4900
CMYK	0.00, 0.22, 0.43, 0.10
HSL	29°, 67%, 71%
HSV	29°, 43%, 90%
XYZ	52.7894, 50.6716, 28.1372
YIQ	188.6630, 46.1250, -4.4270

Conversions

Conversions Part 2

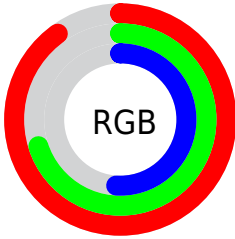
Format	Color
R _Y B	230, 226, 130
Decimal	15119234
CIE Lab	76.48, 12.38, 32.06
CIE LCh	76, 34.364, 68.886
Yxy	50.6716, 0.4011, 0.3850
Android (android.graphics.Color)	4293309314 (0xFFE6B382)
YUV	188.6630, -28.9209, 36.2525
Hunter-Lab	71.1840, 7.8020, 26.3930

Details

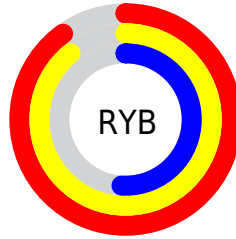
The YIQ color **188.6630, 46.1250, -4.4270** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **171.3370, -46.1250, 4.4270**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.0520, 28.6120, -11.9320**, and **134.5100, 42.1820, -4.5540** is the 20% darker color. If you saturate the color by 10%, you get **178.9970, 56.8080, -5.3040**, and if you desaturate by 10%, it is **198.3290, 35.4420, -3.5500**.

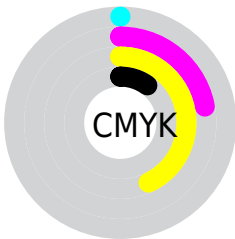
Distribution



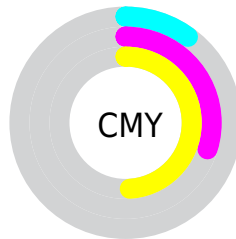
- Red (90%)
- Green (70%)
- Blue (51%)



- Red (90%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.6630, 46.1250, -4.4270 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 188.6630, 46.1250, -4.4270 by changing the saturation by 10% instead.

188.6630, 46.1250,
-4.4270

188.6630, 46.1250,
-4.4270

255.0000, -0.0000,
-0.0000

161.2930, 44.2910,
-4.2290

235.0520, 28.6120,
-11.9320

134.5100, 42.1820,
-4.5540

249.9840, 14.1240,
-13.6840

109.0260, 40.6690,
-4.6670

253.2900, 4.8150,
-4.6650

83.9440, 37.9640,
-5.2040

60.1610, 35.8550,
-5.5290

38.8060, 29.6650,
-3.4790

19.0040, 20.5400,

2.2040

■ 0.0000, 0.0000,
0.0000

■ 188.6630, 46.1250,
-4.4270

■ 188.6630, 46.1250,
-4.4270

■ 178.9970, 56.8080,
-5.3040

■ 198.3290, 35.4420,
-3.5500

■ 169.3310, 67.4910,
-6.1810

■ 207.4080, 25.0340,
-2.1500

■ 160.2520, 77.8990,
-7.5810

■ 217.0740, 14.3510,
-1.2730

■ 150.5860, 88.5820,
-8.4580

■ 226.7400, 3.6680,
-0.3960

■ 140.9200, 99.2650,
-9.3350

■ 236.4060, -7.0150,
0.4810

■ 135.1010,
106.0050, -10.3390

■ 244.0030,
-13.2500, -2.1620

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



190.4550, 53.1830, 10.8390



188.6630, 46.1250, -4.4270



185.8790, 27.4210, -17.8830

Triad

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



188.6630, 46.1250, -4.4270



171.4860, -63.8630, -26.5430



192.3260, -2.8930, 24.9070

Complementary

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



188.6630, 46.1250, -4.4270



171.3370, -46.1250, 4.4270

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.



187.1090, -36.3150, 13.8690



188.6630, 46.1250, -4.4270



170.4430, -79.4990, -18.4990

Square

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



188.6630, 46.1250, -4.4270



177.1290, -32.1810, -28.0290



178.1710, -66.3890, -2.7810



193.6470, 27.0000, 28.3120

Rectangle

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



188.6630, 46.1250, -4.4270



183.3220, 9.8160, -23.7200



178.1710, -66.3890, -2.7810



191.1720, -14.2630, 21.7130

Sweetspot

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



188.6630, 46.1250, -4.4270



241.2590, 15.2680, -1.3720



165.8280, 42.9080, 37.3720



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.



188.6630, 46.1250, -4.4270



199.9220, 61.3930, -5.7990



217.4260, 32.6500, -30.0540



110.1100, 5.5020, -0.5940



104.5900, 82.7590, -7.5530



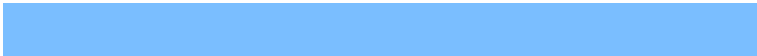
29.9240, 23.5210, -2.2630

Inverse Universe

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



171.3370, -46.1250, 4.4270



177.0780, -61.3930, 5.7990



142.5740, -32.6500, 30.0540



107.8900, -5.5020, 0.5940



73.8230, -82.4840, 8.0760



21.0760, -23.5210, 2.2630

Previews

White Background



This preview shows how the YIQ color 188.6630, 46.1250, -4.4270 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 188.6630, 46.1250, -4.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

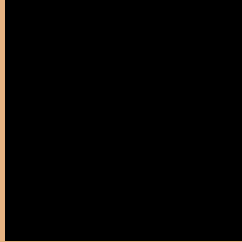
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.6630, 46.1250, -4.4270

Background



This preview shows how black text looks on a background with the YIQ color 188.6630, 46.1250, -4.4270.



This preview shows how white text looks on a background with the YIQ color 188.6630, 46.1250, -4.4270.

-4.4270.

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

188.6630, 46.1250, -4.4270

Protanopia

187.2150, 26.5950, -13.9250

Deuteranopia

188.6410, 43.1910, -6.3210



Tritanopia

192.3190, 33.3750, 17.3990

Trichromacy



Original Color

188.6630, 46.1250, -4.4270

Protanomaly

187.4440, 33.3800, -10.2360

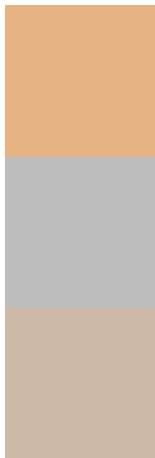
Deuteranomaly

188.3530, 44.0620, -5.5860

Tritanomaly

191.2020, 37.7780, 9.1860

Monochromacy



Original Color

188.6630, 46.1250, -4.4270

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7430, 16.7810, -1.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.6630, 46.1250, -4.4270 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(230, 179, 130)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 130)  
}
```

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(230, 179, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 130) }
```

Border

The CSS property to change the border of an element to YIQ 188.6630, 46.1250, -4.4270 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(230, 179, 130) }
```


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

```
.border{ border-color:rgb(230, 179, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 179, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 130);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 188.6630, 46.1250, -4.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 179, 130) }
```

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

```
.background{ background-color: rgb(230,  
179, 130) }
```

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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