

Converting Colors

YIQ(183.5910, 46.6280, 2.9800)

Have a look what the booklet for
YIQ(183.5910, 46.6280, 2.9800)
contains.

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Color

**YIQ(183.5910, 46.6280,
2.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A989
RGB	230, 169, 137
RGB Percent	90%, 66%, 54%
CMY	0.0979, 0.3373, 0.4625
CMYK	0.00, 0.27, 0.40, 0.10
HSL	21°, 65%, 72%
HSV	21°, 40%, 90%
XYZ	51.3458, 47.0023, 30.0532
YIQ	183.5910, 46.6280, 2.9800

Conversions

Conversions Part 2

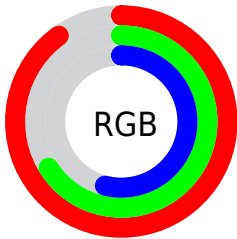
Format	Color
R_{YB}	230, 186, 137
Decimal	15116681
CIE _{Lab}	74.19, 18.46, 25.28
CIE _{LCh}	74, 31.306, 53.864
Yxy	47.0023, 0.3999, 0.3661
Android (android.graphics.Color)	4293306761 (0xFFE6A989)
YUV	183.5910, -22.9694, 40.7007
Hunter-Lab	68.5582, 13.7082, 22.0004

Details

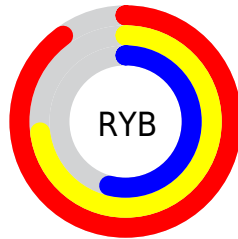
The YIQ color **183.5910, 46.6280, 2.9800** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **183.4090, -46.6280, -2.9800**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **229.5070, 29.0690, -3.6910**, and **130.0250, 42.4100, 2.3300** is the 20% darker color. If you saturate the color by 10%, you get **172.1640, 58.1360, 3.6720**, and if you desaturate by 10%, it is **195.0180, 35.1200, 2.2880**.

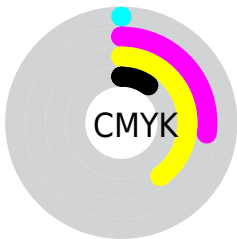
Distribution



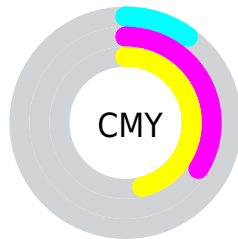
- Red (90%)
- Green (66%)
- Blue (54%)



- Red (90%)
- Yellow (73%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (10%)





- Cyan (10%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.5910, 46.6280, 2.9800 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 183.5910, 46.6280, 2.9800 by changing the saturation by 10% instead.


 183.5910, 46.6280,
2.9800


 183.5910, 46.6280,
2.9800


255.0000, -0.0000,
-0.0000


 156.2210, 44.7940,
3.1780


 229.5070, 29.0690,
-3.6910


 130.0250, 42.4100,
2.3300


 249.7220, 12.1060,
-10.1500

 104.5410, 40.8970,
2.2170

 254.0880, 2.5680,
-2.4880

 79.5730, 37.8710,
1.9910

 55.9040, 35.4410,
1.9770

 33.8220, 32.7360,
1.4400

 12.2590, 24.4360,

8.6920

■ 0.0000, 0.0000,
0.0000

■ 183.5910, 46.6280,
2.9800

■ 183.5910, 46.6280,
2.9800

■ 172.1640, 58.1360,
3.6720

■ 195.0180, 35.1200,
2.2880

■ 160.7370, 69.6440,
4.3640

■ 206.4450, 23.6120,
1.5960

■ 149.3100, 81.1520,
5.0560

■ 217.8720, 12.1040,
0.9040

■ 137.8830, 92.6600,
5.7480

■ 229.2990, 0.5960,
0.2120

■ 125.8690,
104.4430, 6.9630

■ 241.3130,
-11.1870, -1.0030

■ 115.1430,
115.3550, 7.4430

■ 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.



185.2080, 46.8090, 16.2250



183.5910, 46.6280, 2.9800



181.5150, 34.6180, -10.6460

Triad

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



183.5910, 46.6280, 2.9800



169.9630, -43.2770, -25.1730



183.9110, -18.0220, 18.2500

Complementary

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



183.5910, 46.6280, 2.9800



183.4090, -46.6280, -2.9800

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.



177.6790, -47.0880, 5.3600



183.5910, 46.6280, 2.9800



166.8050, -66.0190, -20.5070

Square

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



183.5910, 46.6280, 2.9800



174.4040, -13.8420, -24.4820



169.7700, -66.9380, -9.3540



186.7530, 11.9620, 25.5140

Rectangle

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



183.5910, 46.6280, 2.9800



179.4700, 21.3230, -17.5010



169.7700, -66.9380, -9.3540



182.7140, -27.8330, 14.3350

Sweetspot

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



183.5910, 46.6280, 2.9800



239.7260, 15.4510, 0.8190



171.8750, 35.5260, 38.9980



118.9040, 9.0780, 0.6780



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.



183.5910, 46.6280, 2.9800



192.6160, 62.6750, 4.0110



210.5930, 33.9780, -21.0780



108.9360, 6.0520, 0.4520



89.3280, 89.9090, 6.0450



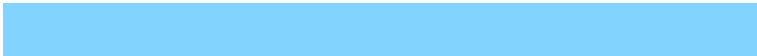
25.8150, 25.4460, 1.3980

Inverse Universe

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



183.4090, -46.6280, -2.9800



192.3840, -62.6750, -4.0110



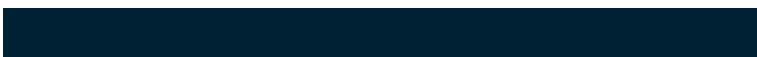
156.9940, -34.2530, 20.5550



109.0640, -6.0520, -0.4520



89.0850, -89.6340, -5.5220



25.1850, -25.4460, -1.3980

Previews

White Background



This preview shows how the YIQ color 183.5910, 46.6280, 2.9800 looks on a white background.

Color Contrast Check

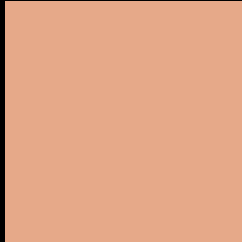
Large Text (above 18pt) WCAG AA × Fail

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 183.5910, 46.6280, 2.9800 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 183.5910, 46.6280, 2.9800

Background



This preview shows how black text looks on a background with the YIQ color 183.5910, 46.6280, 2.9800.



This preview shows how white text looks on a background with the YIQ color 183.5910, 46.6280,

2.9800.

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

183.5910, 46.6280, 2.9800

Protanopia

181.4410, 20.2670, -9.3730

Deuteranopia

182.8130, 36.9550, -3.4370



Tritanopia

186.2980, 37.8680, 18.5720

Trichromacy



Original Color

183.5910, 46.6280, 2.9800

Protanomaly

182.1650, 30.0320, -4.6240

Deuteranomaly

183.1340, 40.4850, -1.3310

Tritanomaly

185.5770, 41.2160, 12.9600

Monochromacy



Original Color

183.5910, 46.6280, 2.9800

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.2100, 16.9640, 0.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.5910, 46.6280, 2.9800 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, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(230, 169, 137)  
}
```

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, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 169, 137) }
```

Border

The CSS property to change the border of an element to YIQ 183.5910, 46.6280, 2.9800 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, 169, 137) }
```


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

```
.border{ border-color:rgb(230, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(230, 169,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 183.5910, 46.6280, 2.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 169, 137) }
```

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

```
.background{ background-color: rgb(230,  
169, 137) }
```

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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