

Converting Colors

YIQ(180.0330, 47.9590, -4.6250)

Have a look what the booklet for
YIQ(180.0330, 47.9590, -4.6250)
contains.

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Color

**YIQ(180.0330, 47.9590,
-4.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAA77
RGB	223, 170, 119
RGB Percent	87%, 67%, 47%
CMY	0.1254, 0.3334, 0.5331
CMYK	0.00, 0.24, 0.47, 0.13
HSL	29°, 62%, 67%
HSV	29°, 47%, 87%
XYZ	48.1427, 45.7662, 23.7676
YIQ	180.0330, 47.9590, -4.6250

Conversions

Conversions Part 2

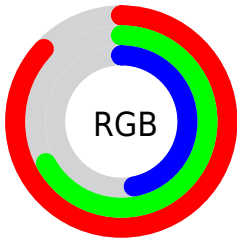
Format	Color
R _Y B	223, 219, 119
Decimal	14658167
CIE Lab	73.39, 13.25, 33.71
CIE LCh	73, 36.216, 68.540
Yxy	45.7662, 0.4091, 0.3889
Android (android.graphics.Color)	4292848247 (0xFFDFAA77)
YUV	180.0330, -30.0893, 37.6821
Hunter-Lab	67.6507, 8.6383, 26.5252

Details

The YIQ color **180.0330, 47.9590, -4.6250** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **161.9670, -47.9590, 4.6250**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.9280, 34.8930, -10.1230**, and **126.5810, 43.4200, -4.9640** is the 20% darker color. If you saturate the color by 10%, you get **171.0680, 58.0460, -5.7140**, and if you desaturate by 10%, it is **188.9980, 37.8720, -3.5360**.

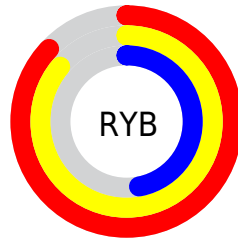
Distribution



Red (87%)

Green (67%)

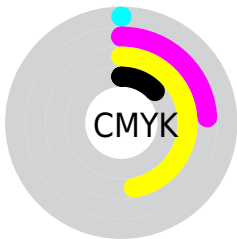
Blue (47%)



Red (87%)

Yellow (86%)

Blue (47%)

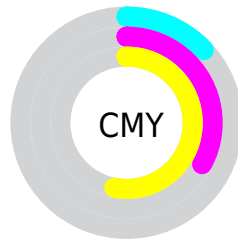


Cyan (0%)

Magenta (24%)

Yellow (47%)

Black (13%)



Cyan (13%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.0330, 47.9590, -4.6250 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 180.0330, 47.9590, -4.6250 by changing the saturation by 10% instead.


 180.0330, 47.9590,
-4.6250


 180.0330, 47.9590,
-4.6250


255.0000, -0.0000,
-0.0000

 152.6630, 46.1250,
-4.4270


 227.9280, 34.8930,
-10.1230


 126.8800, 44.0160,
-4.7520


 248.0290, 18.2510,
-16.8930

 101.0970, 41.9070,
-5.0770

 251.9220, 8.6670,
-8.3970

 76.0150, 39.2020,
-5.6140

 52.7050, 37.1390,
-6.7730

 32.6040, 27.4180,
-1.3020

 10.7530, 19.9890,

6.6850

■ 0.0000, 0.0000,
0.0000

■ 180.0330, 47.9590,
-4.6250

■ 180.0330, 47.9590,
-4.6250

■ 171.0680, 58.0460,
-5.7140

■ 188.9980, 37.8720,
-3.5360

■ 161.4020, 68.7290,
-6.5910

■ 198.6640, 27.1890,
-2.6590

■ 152.4370, 78.8160,
-7.6800

■ 207.6290, 17.1020,
-1.5700

■ 142.8850, 89.1780,
-8.2460

■ 216.5940, 7.0150,
-0.4810

■ 133.9200, 99.2650,
-9.3350

■ 226.2600, -3.6680,
0.3960

■ 130.6600,
102.9330, -9.7310

■ 235.2250,
-13.7550, 1.4850

■ 242.4970,
-17.6970, -4.1690

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



182.2380, 55.2920, 11.1640



180.0330, 47.9590, -4.6250



176.9500, 28.6590, -18.2930

Triad

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



180.0330, 47.9590, -4.6250



160.4960, -69.8230, -28.6630



183.9670, -3.2600, 26.0520

Complementary

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



180.0330, 47.9590, -4.6250



161.9670, -47.9590, 4.6250

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.



178.2550, -39.6620, 13.9540



180.0330, 47.9590, -4.6250



157.8870, -89.6770, -21.2690

Square

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



180.0330, 47.9590, -4.6250



167.7050, -33.9230, -29.4990



167.7080, -72.3950, -4.0670



184.8860, 27.8250, 29.8810

Rectangle

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



180.0330, 47.9590, -4.6250



174.9800, 10.7790, -24.6530



167.7080, -72.3950, -4.0670



182.6280, -15.5470, 22.9570

Sweetspot

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



180.0330, 47.9590, -4.6250



240.3300, 16.5060, -1.7820



156.2520, 44.6500, 38.8420



118.4480, 10.3620, -0.5660



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.



180.0330, 47.9590, -4.6250



195.8470, 65.9780, -6.2940



209.9700, 33.9340, -31.2980



107.2240, 5.1810, -0.2830



103.1060, 81.2460, -7.6660



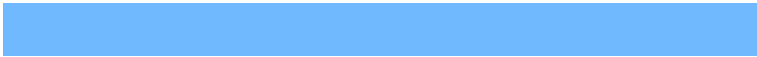
28.4400, 22.0080, -2.3760

Inverse Universe

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



161.9670, -47.9590, 4.6250



171.1530, -65.9780, 6.2940



132.0300, -33.9340, 31.2980



105.7760, -5.1810, 0.2830



72.8940, -81.2460, 7.6660



20.1470, -22.2830, 1.8530

Previews

White Background



This preview shows how the YIQ color 180.0330, 47.9590, -4.6250 looks on a white background.

Color Contrast Check

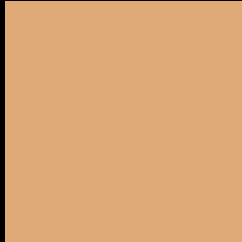
Large Text (above 18pt) WCAG AA × Fail

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 180.0330, 47.9590, -4.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

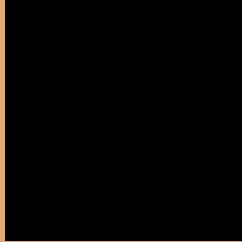
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.0330, 47.9590, -4.6250

Background



This preview shows how black text looks on a background with the YIQ color 180.0330, 47.9590, -4.6250.



This preview shows how white text looks on a background with the YIQ color 180.0330, 47.9590, -4.6250.

-4.6250.

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

180.0330, 47.9590, -4.6250

Protanopia

177.9870, 27.2370, -14.5470

Deuteranopia

180.0000, 43.5580, -7.4660



Tritanopia

183.8030, 34.8880, 17.5120

Trichromacy



Original Color

180.0330, 47.9590, -4.6250

Protanomaly

178.5150, 34.6180, -10.6460

Deuteranomaly

180.0110, 45.0250, -6.5190

Tritanomaly

182.6860, 39.2910, 9.2990

Monochromacy



Original Color

180.0330, 47.9590, -4.6250

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9280, 17.6980, -1.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0330, 47.9590, -4.6250 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(223, 170, 119)` looks like.

```
.text, #text, p{  
    color:rgb(223, 170, 119)  
}
```

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(223, 170, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 170, 119) }
```

Border

The CSS property to change the border of an element to YIQ 180.0330, 47.9590, -4.6250 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(223, 170, 119) }
```


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

```
.border{ border-color:rgb(223, 170, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 170, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 170, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 170, 119);  
box-shadow:4px 4px 4px 4px rgb(223, 170,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0330, 47.9590, -4.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 170, 119) }
```

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

```
.background{ background-color: rgb(223,  
170, 119) }
```

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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