

Converting Colors

YIQ(166.3500, 30.9490, -4.7230)

Have a look what the booklet for
YIQ(166.3500, 30.9490, -4.7230)
contains.

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Color

**YIQ(166.3500, 30.9490,
-4.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A17C
RGB	193, 161, 124
RGB Percent	76%, 63%, 49%
CMY	0.2431, 0.3687, 0.5136
CMYK	0.00, 0.17, 0.36, 0.24
HSL	32°, 36%, 62%
HSV	32°, 36%, 76%
XYZ	38.3788, 38.2805, 24.4477
YIQ	166.3500, 30.9490, -4.7230

Conversions

Conversions Part 2

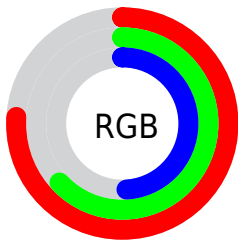
Format	Color
RYB	184, 193, 124
Decimal	12689788
CIELab	68.23, 6.52, 23.66
CIElCh	68, 24.540, 74.602
Yxy	38.2805, 0.3796, 0.3786
Android (android.graphics.Color)	4290879868 (0xFFC1A17C)
YUV	166.3500, -20.8785, 23.3721
Hunter-Lab	61.8712, 2.4493, 19.8821

Details

The YIQ color **166.3500, 30.9490, -4.7230** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **150.6500, -30.9490, 4.7230**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.7200, 32.7830, -4.9210**, and **114.3820, 27.9230, -4.9490** is the 20% darker color. If you saturate the color by 10%, you get **158.9010, 39.5230, -5.9250**, and if you desaturate by 10%, it is **173.7990, 22.3750, -3.5210**.

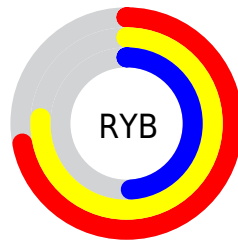
Distribution



Red (76%)

Green (63%)

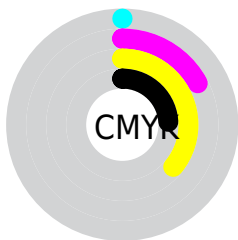
Blue (49%)



Red (72%)

Yellow (76%)

Blue (49%)

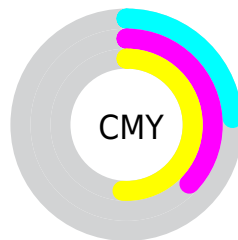


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.3500, 30.9490, -4.7230 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 166.3500, 30.9490, -4.7230 by changing the saturation by 10% instead.


 166.3500, 30.9490,
-4.7230


 166.3500, 30.9490,
-4.7230


255.0000, -0.0000,
-0.0000

 139.8660, 29.4360,
-4.8360


 221.7200, 32.7830,
-4.9210


 114.3820, 27.9230,
-4.9490


 242.7290, 19.3960,
-10.1080

 89.3110, 26.6850,
-4.5390

 252.4920, 7.0620,
-6.8420

 65.5280, 24.5760,
-4.8640

 42.8160, 23.7050,
-5.5990

 23.1020, 17.1480,
-2.4040

 0.0000, 0.0000,

0.0000

■ 166.3500, 30.9490,
-4.7230

■ 166.3500, 30.9490,
-4.7230

■ 158.9010, 39.5230,
-5.9250

■ 173.7990, 22.3750,
-3.5210

■ 151.3380, 48.4180,
-7.4380

■ 181.3620, 13.4800,
-2.0080

■ 143.8890, 56.9920,
-8.6400

■ 188.8110, 4.9060,
-0.8060

■ 136.4400, 65.5660,
-9.8420

■ 196.2600, -3.6680,
0.3960

■ 128.9910, 74.1400,
-11.0440

■ 203.8230,
-12.5630, 1.9090

■ 121.4280, 83.0350,
-12.5570

■ 211.2720,
-21.1370, 3.1110

■ 118.1680, 86.7030,
-12.9530

■ 218.2650,
-28.4270, 3.0690

■ 223.5480,
-30.9020, -1.6380

■ 228.8310,
-33.3770, -6.3450

Harmonies

Analogous

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



167.7950, 37.3660, 5.6380



166.3500, 30.9490, -4.7230



163.7670, 16.2330, -13.3590

Triad

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



166.3500, 30.9490, -4.7230



156.3470, -44.0580, -16.5220



169.4480, 2.3350, 18.2630

Complementary

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



166.3500, 30.9490, -4.7230



150.6500, -30.9490, 4.7230

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.



166.7270, -20.6800, 11.3520



166.3500, 30.9490, -4.7230



157.4530, -49.9280, -9.2560

Square

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



166.3500, 30.9490, -4.7230



158.5200, -25.6720, -19.3360



161.7520, -40.1640, 1.0200



170.3270, 21.7290, 19.2090

Rectangle

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



166.3500, 30.9490, -4.7230



162.6020, 3.3960, -17.5000



161.7520, -40.1640, 1.0200



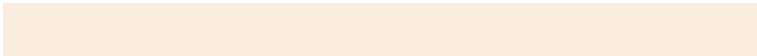
168.5010, -5.1840, 16.8640

Sweetspot

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



166.3500, 30.9490, -4.7230



239.1770, 12.5630, -1.9090



148.2790, 30.8520, 24.5800



118.4800, 7.3360, -0.7920



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.3500, 30.9490, -4.7230



208.3380, 48.4180, -7.4380



184.5360, 20.9570, -21.8830



92.9250, 4.5850, -0.4950



98.6210, 72.3060, -10.8460



20.4330, 14.7180, -2.4180

Inverse Universe

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



150.6500, -30.9490, 4.7230



183.6620, -48.4180, 7.4380



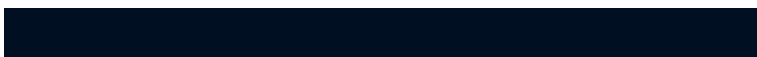
132.4640, -20.9570, 21.8830



91.0750, -4.5850, 0.4950



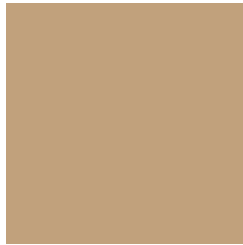
62.3790, -72.3060, 10.8460



12.5670, -14.7180, 2.4180

Previews

White Background



This preview shows how the YIQ color 166.3500, 30.9490, -4.7230 looks on a white background.

Color Contrast Check

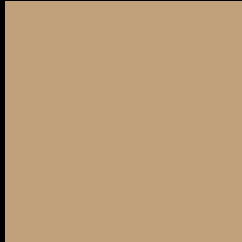
Large Text (above 18pt) WCAG AA × Fail

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 166.3500, 30.9490, -4.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

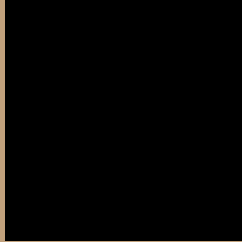
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.3500, 30.9490, -4.7230

Background



This preview shows how black text looks on a background with the YIQ color 166.3500, 30.9490, -4.7230.



This preview shows how white text looks on a background with the YIQ color 166.3500, 30.9490,

-4.7230.

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

166.3500, 30.9490, -4.7230

Protanopia

165.0280, 19.9920, -9.8960

Deuteranopia

166.6600, 33.0120, -3.5640



Tritanopia

169.2250, 21.7760, 12.8480

Trichromacy



Original Color

166.3500, 30.9490, -4.7230

Protanomaly

165.2350, 23.8430, -8.1010

Deuteranomaly

166.3610, 32.4160, -3.7760

Tritanomaly

167.9770, 25.1700, 6.4020

Monochromacy



Original Color

166.3500, 30.9490, -4.7230

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1060, 11.3250, -1.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.3500, 30.9490, -4.7230 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(193, 161, 124)` looks like.

```
.text, #text, p{  
    color:rgb(193, 161, 124)  
}
```

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(193, 161, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 161, 124) }
```

Border

The CSS property to change the border of an element to YIQ 166.3500, 30.9490, -4.7230 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(193, 161, 124) }
```


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

```
.border{ border-color:rgb(193, 161, 124) }
```

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

Here you see how a box with a 4 pixel rgb(193, 161, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 161, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 161, 124);  
box-shadow:4px 4px 4px 4px rgb(193, 161,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 166.3500, 30.9490, -4.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 161, 124) }
```

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

```
.background{ background-color: rgb(193,  
161, 124) }
```

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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