

Converting Colors

YIQ(176.6860, 30.1230, -0.7650)

Have a look what the booklet for
YIQ(176.6860, 30.1230, -0.7650)
contains.

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Color

**YIQ(176.6860, 30.1230,
-0.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA98E
RGB	205, 169, 142
RGB Percent	80%, 66%, 56%
CMY	0.1960, 0.3373, 0.4430
CMYK	0.00, 0.18, 0.31, 0.20
HSL	26°, 39%, 68%
HSV	26°, 31%, 80%
XYZ	44.2520, 43.3060, 31.6318
YIQ	176.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

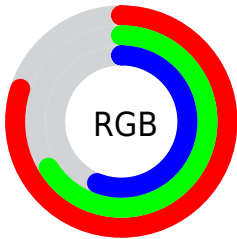
Format	Color
R _Y B	205, 189, 142
Decimal	13478286
CIE Lab	71.76, 9.24, 18.85
CIE LCh	72, 20.997, 63.888
Yxy	43.3060, 0.3713, 0.3633
Android (android.graphics.Color)	4291668366 (0xFFCDA98E)
YUV	176.6860, -17.1002, 24.8314
Hunter-Lab	65.8073, 4.8693, 17.5659

Details

The YIQ color $176.6860, 30.1230, -0.7650$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $170.3140, -30.1230, 0.7650$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $230.0770, 27.4640, -2.1360$, and $124.0170, 27.6930, -0.7790$ is the 20% darker color. If you saturate the color by 10%, you get $167.3620, 39.8430, -0.7090$, and if you desaturate by 10%, it is $186.1240, 20.0820, -0.5100$.

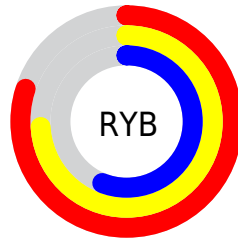
Distribution



Red (80%)

Green (66%)

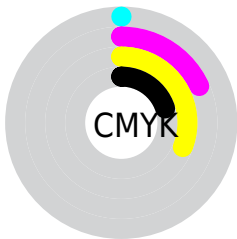
Blue (56%)



Red (80%)

Yellow (74%)

Blue (56%)

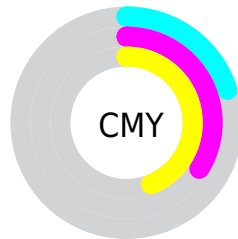


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (20%)



Cyan (20%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.6860, 30.1230, -0.7650 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 176.6860, 30.1230, -0.7650 by changing the saturation by 10% instead.


 176.6860, 30.1230,
-0.7650


 176.6860, 30.1230,
-0.7650


255.0000, -0.0000,
-0.0000


 150.0880, 28.9310,
-1.1890


 230.0770, 27.4640,
-2.1360


 124.0170, 27.6930,
-0.7790


 250.2920, 10.5010,
-8.5950

 98.5330, 26.1800,
-0.8920

 254.6580, 0.9630,
-0.9330

 74.7500, 24.0710,
-1.2170

 51.2660, 22.5580,
-1.3300

 29.3260, 22.3290,
-2.6870

 7.7740, 15.4960,

5.5120

■ 0.0000, 0.0000,
0.0000

■ 176.6860, 30.1230,
-0.7650

■ 176.6860, 30.1230,
-0.7650

■ 167.3620, 39.8430,
-0.7090

■ 186.1240, 20.0820,
-0.5100

■ 158.5110, 49.6090,
-1.4870

■ 194.8610, 10.6370,
-0.0430

■ 149.1870, 59.3290,
-1.4310

■ 204.2990, 0.5960,
0.2120

■ 139.7490, 69.3700,
-1.6860

■ 213.6230, -9.1240,
0.1560

■ 130.4250, 79.0900,
-1.6300

■ 223.0610,
-19.1650, 0.4110

■ 121.5740, 88.8560,
-2.4080

■ 230.6580,
-25.4000, -2.2320

■ 112.9510, 97.9800,
-2.5640

■ 237.7020,
-28.7000, -8.5080

■ 240.0500,
-29.8000, -10.6000

Harmonies

Analogous

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



178.2230, 33.2850, 8.0130



176.6860, 30.1230, -0.7650



174.6690, 19.6250, -8.7510

Triad

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



176.6860, 30.1230, -0.7650



168.3330, -32.2750, -15.3070



177.9200, -5.0460, 14.3620

Complementary

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



176.6860, 30.1230, -0.7650



170.3140, -30.1230, 0.7650

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.



175.2380, -23.7970, 7.2670



176.6860, 30.1230, -0.7650



168.3030, -40.7580, -10.2460

Square

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



176.6860, 30.1230, -0.7650



169.9620, -15.1730, -16.8770



170.8400, -37.5960, -1.4680



179.5540, 13.6600, 16.7640

Rectangle

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



176.6860, 30.1230, -0.7650



173.1730, 9.2180, -12.8780



170.8400, -37.5960, -1.4680



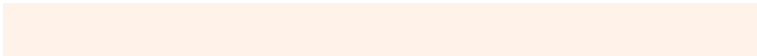
177.0440, -11.3270, 12.5530

Sweetspot

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



176.6860, 30.1230, -0.7650



244.7470, 10.9580, -0.3540



165.0550, 25.6710, 24.8630



121.0070, 7.2900, 0.0420



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.



176.6860, 30.1230, -0.7650



212.5860, 45.0240, -0.9920



194.8830, 21.5980, -16.9780



97.3380, 4.8600, 0.0280



91.3110, 79.4110, -1.9410



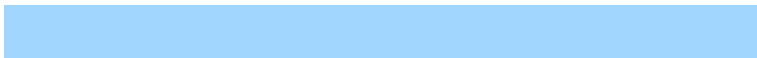
20.7540, 18.2480, -0.3120

Inverse Universe

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



170.3140, -30.1230, 0.7650



203.4140, -45.0240, 0.9920



152.1170, -21.5980, 16.9780



96.6620, -4.8600, -0.0280



74.6890, -79.4110, 1.9410



17.2460, -18.2480, 0.3120

Previews

White Background



This preview shows how the YIQ color 176.6860, 30.1230, -0.7650 looks on a white background.

Color Contrast Check

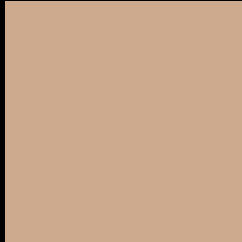
Large Text (above 18pt) WCAG AA × Fail

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 176.6860, 30.1230, -0.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

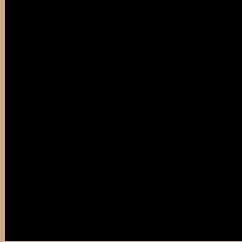
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.6860, 30.1230, -0.7650

Background



This preview shows how black text looks on a background with the YIQ color 176.6860, 30.1230, -0.7650.



This preview shows how white text looks on a background with the YIQ color 176.6860, 30.1230, -0.7650.

-0.7650.

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

176.6860, 30.1230, -0.7650

Protanopia

175.4560, 15.9110, -7.5210

Deuteranopia

176.6860, 30.1230, -0.7650



Tritanopia

178.9370, 22.6470, 13.5830

Trichromacy



Original Color

176.6860, 30.1230, -0.7650

Protanomaly

175.6740, 21.2290, -4.7790

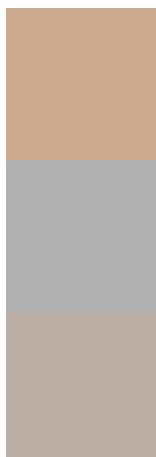
Deuteranomaly

176.6860, 30.1230, -0.7650

Tritanomaly

178.3300, 25.6740, 8.2820

Monochromacy



Original Color

176.6860, 30.1230, -0.7650

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.7470, 10.9580, -0.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.6860, 30.1230, -0.7650 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(205, 169, 142)` looks like.

```
.text, #text, p{  
    color:rgb(205, 169, 142)  
}
```

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(205, 169, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 169, 142) }
```

Border

The CSS property to change the border of an element to YIQ 176.6860, 30.1230, -0.7650 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(205, 169, 142) }
```


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

```
.border{ border-color:rgb(205, 169, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 169, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 169, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 169, 142);  
box-shadow:4px 4px 4px 4px rgb(205, 169,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 176.6860, 30.1230, -0.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 169, 142) }
```

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

```
.background{ background-color: rgb(205,  
169, 142) }
```

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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