

Converting Colors

YIQ(177.6820, 35.9460, -1.6700)

Have a look what the booklet for
YIQ(177.6820, 35.9460, -1.6700)
contains.

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Color

**YIQ(177.6820, 35.9460,
-1.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A987
RGB	211, 169, 135
RGB Percent	83%, 66%, 53%
CMY	0.1725, 0.3373, 0.4704
CMYK	0.00, 0.20, 0.36, 0.17
HSL	27°, 46%, 68%
HSV	27°, 36%, 83%
XYZ	45.4306, 43.9717, 29.0305
YIQ	177.6820, 35.9460, -1.6700

Conversions

Conversions Part 2

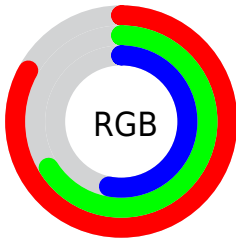
Format	Color
R _Y B	211, 197, 135
Decimal	13871495
CIE Lab	72.21, 10.72, 23.36
CIE LCh	72, 25.704, 65.343
Yxy	43.9717, 0.3836, 0.3713
Android (android.graphics.Color)	4292061575 (0xFFD3A987)
YUV	177.6820, -21.0422, 29.2199
Hunter-Lab	66.3111, 6.2481, 20.4611

Details

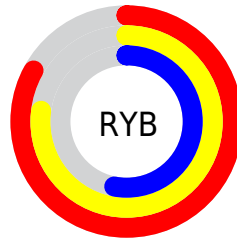
The YIQ color **177.6820, 35.9460, -1.6700** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **168.3180, -35.9460, 1.6700**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1650, 30.0320, -4.6240**, and **124.7140, 32.9200, -1.8960** is the 20% darker color. If you saturate the color by 10%, you get **168.2440, 45.9870, -1.9250**, and if you desaturate by 10%, it is **187.1200, 25.9050, -1.4150**.

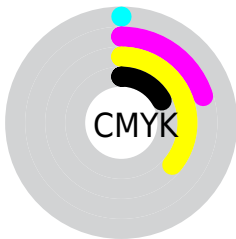
Distribution



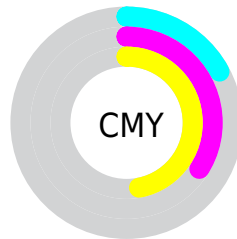
- Red (83%)
- Green (66%)
- Blue (53%)



- Red (83%)
- Yellow (77%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (17%)





- Cyan (17%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.6820, 35.9460, -1.6700 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 177.6820, 35.9460, -1.6700 by changing the saturation by 10% instead.


 177.6820, 35.9460,
-1.6700


 177.6820, 35.9460,
-1.6700


255.0000, -0.0000,
-0.0000

 151.1980, 34.4330,
-1.7830


 229.1650, 30.0320,
-4.6240


 124.7140, 32.9200,
-1.8960


 249.3800, 13.0690,
-11.0830

 99.3440, 31.0860,
-1.6980

 253.8600, 3.2100,
-3.1100

 75.4470, 29.2980,
-2.3340

 51.7780, 26.8680,
-2.3480

 30.5220, 24.7130,
-1.8390

 8.6710, 17.2840,

6.1480

■ 0.0000, 0.0000,
0.0000

■ 177.6820, 35.9460,
-1.6700

■ 177.6820, 35.9460,
-1.6700

■ 168.2440, 45.9870,
-1.9250

■ 187.1200, 25.9050,
-1.4150

■ 159.3930, 55.7530,
-2.7030

■ 195.9710, 16.1390,
-0.6370

■ 149.9550, 65.7940,
-2.9580

■ 205.4090, 6.0980,
-0.3820

■ 140.5170, 75.8350,
-3.2130

■ 214.8470, -3.9430,
-0.1270

■ 131.6660, 85.6010,
-3.9910

■ 223.8120,
-14.0300, 0.9620

■ 122.1140, 95.9630,
-4.5570

■ 232.4520,
-21.8240, -0.9600

■ 118.2670, 99.9060,
-4.4300

■ 239.4960,
-25.1240, -7.2360

■ 241.8440,
-26.2240, -9.3280

Harmonies

Analogous

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



178.9850, 39.8870, 9.5110



177.6820, 35.9460, -1.6700



175.5290, 22.8350, -11.8610

Triad

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



177.6820, 35.9460, -1.6700



166.5490, -41.8110, -18.6990



179.9140, -4.9090, 17.3870

Complementary

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



177.6820, 35.9460, -1.6700



168.3180, -35.9460, 1.6700

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.



175.9540, -28.7490, 8.9070



177.6820, 35.9460, -1.6700



166.3770, -52.7700, -12.8180

Square

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



177.6820, 35.9460, -1.6700



169.8040, -20.7200, -20.9760



170.6370, -47.2700, -2.3580



181.2280, 17.6940, 20.7500

Rectangle

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



177.6820, 35.9460, -1.6700



173.8370, 10.0440, -16.8360



170.6370, -47.2700, -2.3580



178.5540, -12.7030, 15.4650

Sweetspot

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



177.6820, 35.9460, -1.6700



242.4160, 13.3880, -0.3400



162.6260, 31.4930, 29.4850



120.1920, 8.2070, -0.0570



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.



177.6820, 35.9460, -1.6700



206.6530, 52.0850, -2.3070



199.4010, 25.7710, -21.0210



100.2240, 5.1810, -0.2830



94.2570, 79.5030, -3.6090



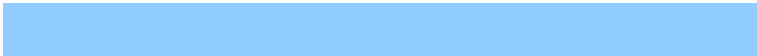
22.8250, 19.4860, -0.7220

Inverse Universe

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



168.3180, -35.9460, 1.6700



193.3470, -52.0850, 2.3070



146.5990, -25.7710, 21.0210



98.7760, -5.1810, 0.2830



73.7430, -79.5030, 3.6090



18.1750, -19.4860, 0.7220

Previews

White Background



This preview shows how the YIQ color 177.6820, 35.9460, -1.6700 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 177.6820, 35.9460, -1.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

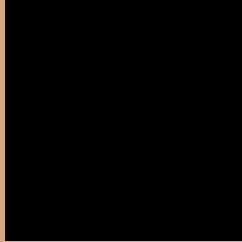
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.6820, 35.9460, -1.6700

Background



This preview shows how black text looks on a background with the YIQ color 177.6820, 35.9460, -1.6700.



This preview shows how white text looks on a background with the YIQ color 177.6820, 35.9460,

-1.6700.

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

177.6820, 35.9460, -1.6700

Protanopia

176.2560, 19.3500, -9.2740

Deuteranopia

177.3720, 33.8830, -2.8290



Tritanopia

180.0300, 26.8190, 15.0670

Trichromacy



Original Color

177.6820, 35.9460, -1.6700

Protanomaly

176.7730, 25.2640, -6.3200

Deuteranomaly

177.6710, 34.4790, -2.6170

Tritanomaly

179.1950, 30.4880, 9.1440

Monochromacy



Original Color

177.6820, 35.9460, -1.6700

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.0030, 13.1130, -0.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.6820, 35.9460, -1.6700 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(211, 169, 135)` looks like.

```
.text, #text, p{  
    color:rgb(211, 169, 135)  
}
```

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(211, 169, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 169, 135) }
```

Border

The CSS property to change the border of an element to YIQ 177.6820, 35.9460, -1.6700 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(211, 169, 135) }
```


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

```
.border{ border-color:rgb(211, 169, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 169, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 169, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 169, 135);  
box-shadow:4px 4px 4px 4px rgb(211, 169,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 177.6820, 35.9460, -1.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 169, 135) }
```

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

```
.background{ background-color: rgb(211,  
169, 135) }
```

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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