

Converting Colors

YIQ(177.0070, 33.6530, 1.3410)

Have a look what the booklet for
YIQ(177.0070, 33.6530, 1.3410)
contains.

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Color

**YIQ(177.0070, 33.6530,
1.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A78E
RGB	210, 167, 142
RGB Percent	82%, 65%, 56%
CMY	0.1764, 0.3451, 0.4430
CMYK	0.00, 0.20, 0.32, 0.18
HSL	22°, 43%, 69%
HSV	22°, 32%, 82%
XYZ	45.2854, 43.2898, 31.5755
YIQ	177.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

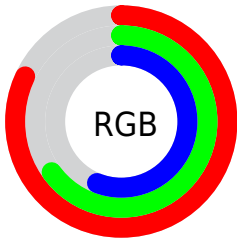
Format	Color
R _Y B	210, 182, 142
Decimal	13805454
CIE Lab	71.75, 12.28, 18.91
CIE LCh	72, 22.552, 57.002
Yxy	43.2898, 0.3769, 0.3603
Android (android.graphics.Color)	4291995534 (0xFFD2A78E)
YUV	177.0070, -17.2585, 28.9349
Hunter-Lab	65.7950, 7.7169, 17.6028

Details

The YIQ color **177.0070, 33.6530, 1.3410** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **174.9930, -33.6530, -1.3410**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9030, 28.0140, -1.0900**, and **124.0390, 30.6270, 1.1150** is the 20% darker color. If you saturate the color by 10%, you get **166.9820, 43.9690, 1.6090**, and if you desaturate by 10%, it is **187.0320, 23.3370, 1.0730**.

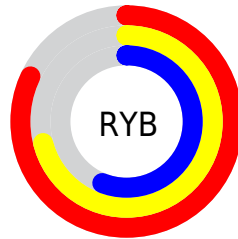
Distribution



Red (82%)

Green (65%)

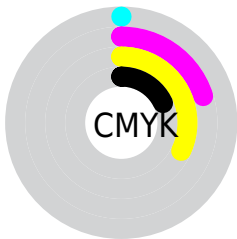
Blue (56%)



Red (82%)

Yellow (71%)

Blue (56%)

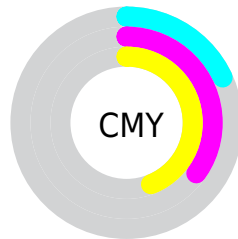


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.0070, 33.6530, 1.3410 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 177.0070, 33.6530, 1.3410 by changing the saturation by 10% instead.


 177.0070, 33.6530,
1.3410


 177.0070, 33.6530,
1.3410


255.0000, -0.0000,
-0.0000


 150.4090, 32.4610,
0.9170


 228.9030, 28.0140,
-1.0900


 124.0390, 30.6270,
1.1150


 249.1180, 11.0510,
-7.5490

 98.5550, 29.1140,
1.0020

 254.6580, 0.9630,
-0.9330

 74.7720, 27.0050,
0.6770

 51.8750, 25.2170,
0.0410

 29.3480, 25.2630,
-0.7930

 8.9700, 17.8800,

6.3600

■ 0.0000, 0.0000,
0.0000

■ 177.0070, 33.6530,
1.3410

■ 177.0070, 33.6530,
1.3410

■ 166.9820, 43.9690,
1.6090

■ 187.0320, 23.3370,
1.0730

■ 156.3700, 54.5600,
2.4000

■ 197.6440, 12.7460,
0.2820

■ 146.3450, 64.8760,
2.6680

■ 207.6690, 2.4300,
0.0140

■ 136.3200, 75.1920,
2.9360

■ 217.6940, -7.8860,
-0.2540

■ 126.2950, 85.5080,
3.2040

■ 227.7190,
-18.2020, -0.5220

■ 115.6830, 96.0990,
3.9950

■ 236.8490,
-24.6200, -5.3560

■ 107.9890,
103.9850, 4.2490

■ 241.5450,
-26.8200, -9.5400

Harmonies

Analogous

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



178.2880, 34.6600, 10.6280



177.0070, 33.6530, 1.3410



175.2350, 23.8430, -8.1010

Triad

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



177.0070, 33.6530, 1.3410



167.7630, -30.6700, -16.8620



177.4680, -9.5850, 14.0230

Complementary

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



177.0070, 33.6530, 1.3410



174.9930, -33.6530, -1.3410

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.



173.6610, -29.4820, 5.6700



177.0070, 33.6530, 1.3410



167.1670, -43.3710, -12.4510

Square

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



177.0070, 33.6530, 1.3410



170.2890, -11.7800, -17.7960



169.6220, -42.9140, -4.2100



179.5260, 10.8630, 17.8950

Rectangle

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



177.0070, 33.6530, 1.3410



173.5110, 14.0780, -12.8500



169.6220, -42.9140, -4.2100



176.5810, -17.3330, 11.2670

Sweetspot

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



177.0070, 33.6530, 1.3410



242.7580, 12.4250, 0.5930



167.2340, 26.7250, 27.7890



120.3060, 7.8860, 0.2540



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.



177.0070, 33.6530, 1.3410



206.7330, 49.1040, 2.1600



196.9650, 24.3030, -16.4410



99.6370, 5.4560, 0.2400



86.6260, 83.0780, 3.1900



21.0640, 20.3110, 0.8470

Inverse Universe

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



174.9930, -33.6530, -1.3410



204.2670, -49.1040, -2.1600



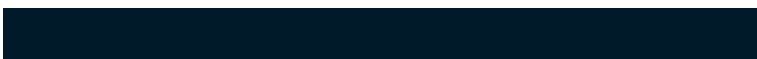
155.0350, -24.3030, 16.4410



99.3630, -5.4560, -0.2400



81.9610, -83.3530, -3.7130



19.9360, -20.3110, -0.8470

Previews

White Background



This preview shows how the YIQ color 177.0070, 33.6530, 1.3410 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 177.0070, 33.6530, 1.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

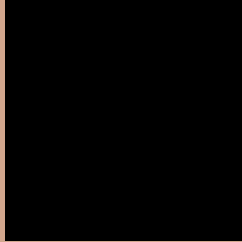
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.0070, 33.6530, 1.3410

Background



This preview shows how black text looks on a background with the YIQ color 177.0070, 33.6530, 1.3410.



This preview shows how white text looks on a background with the YIQ color 177.0070, 33.6530,

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

177.0070, 33.6530, 1.3410

Protanopia

175.5700, 15.5900, -7.2100

Deuteranopia

176.6860, 30.1230, -0.7650



Tritanopia

179.0300, 26.8190, 15.0670

Trichromacy



Original Color

177.0070, 33.6530, 1.3410

Protanomaly

176.3860, 22.1000, -4.0440

Deuteranomaly

176.6970, 31.5900, 0.1820

Tritanomaly

178.5370, 29.5250, 10.0770

Monochromacy



Original Color

177.0070, 33.6530, 1.3410

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.7580, 12.4250, 0.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.0070, 33.6530, 1.3410 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(210, 167, 142)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 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(210, 167, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 142) }
```

Border

The CSS property to change the border of an element to YIQ 177.0070, 33.6530, 1.3410 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(210, 167, 142) }
```


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

```
.border{ border-color:rgb(210, 167, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 167, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 142);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 177.0070, 33.6530, 1.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 142) }
```

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

```
.background{ background-color: rgb(210,  
167, 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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