

Converting Colors

YIQ(211.7470, 10.9580, -0.3540)

Have a look what the booklet for
YIQ(211.7470, 10.9580, -0.3540)
contains.

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Color

**YIQ(211.7470, 10.9580,
-0.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	DED1C7
RGB	222, 209, 199
RGB Percent	87%, 82%, 78%
CMY	0.1294, 0.1804, 0.2196
CMYK	0.00, 0.06, 0.10, 0.13
HSL	26°, 26%, 83%
HSV	26°, 10%, 87%
XYZ	63.2356, 65.2530, 63.3030
YIQ	211.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

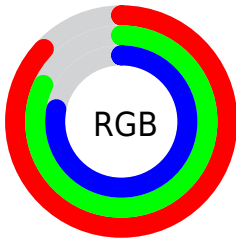
Format	Color
R_{YB}	222, 217, 199
Decimal	14602695
CIE _{Lab}	84.61, 2.81, 6.55
CIE _{LCh}	85, 7.127, 66.756
Yxy	65.2530, 0.3297, 0.3402
Android (android.graphics.Color)	4292792775 (0xFFDED1C7)
YUV	211.7470, -6.2843, 8.9919
Hunter-Lab	80.7793, -1.6306, 10.0827

Details

The YIQ color $211.7470, 10.9580, -0.3540$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $209.2530, -10.9580, 0.3540$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.4480, 10.3620, -0.5660$ is the 20% darker color. If you saturate the color by 10%, you get $201.6080, 21.5950, -0.3970$, and if you desaturate by 10%, it is $221.8860, 0.3210, -0.3110$.

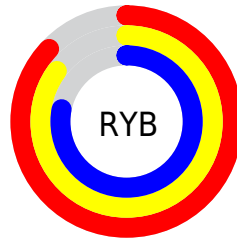
Distribution



Red (87%)

Green (82%)

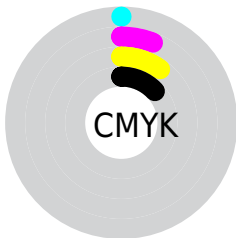
Blue (78%)



Red (87%)

Yellow (85%)

Blue (78%)

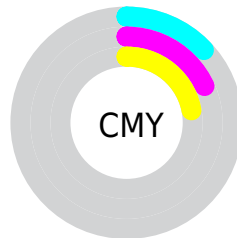


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7470, 10.9580, -0.3540 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 211.7470, 10.9580, -0.3540 by changing the saturation by 10% instead.

■ 211.7470, 10.9580,
-0.3540

■ 211.7470, 10.9580,
-0.3540

255.0000, -0.0000,
-0.0000

■ 183.8610, 10.6370,
-0.0430

■ 157.4480, 10.3620,
-0.5660

■ 131.2630, 9.4450,
-0.4670

■ 106.2630, 9.4450,
-0.4670

■ 81.9640, 8.8490,
-0.6790

■ 59.0780, 8.5280,
-0.3680

■ 36.8930, 7.6110,

-0.2690

■ 15.8070, 10.7290,
-1.7110

■ 0.0000, 0.0000,
0.0000

■ 211.7470, 10.9580,
-0.3540

■ 211.7470, 10.9580,
-0.3540

■ 201.6080, 21.5950,
-0.3970

■ 221.8860, 0.3210,
-0.3110

■ 192.0560, 31.9570,
-0.9630

■ 231.4380,
-10.0410, 0.2550

■ 181.8030, 42.9150,
-1.3170

■ 240.4370,
-17.4680, -2.8120

■ 172.2510, 53.2770,
-1.8830

■ 245.1330,
-19.6680, -6.9960

■ 162.1120, 63.9140,
-1.9260

■ 152.5600, 74.2760,
-2.4920

■ 142.4210, 84.9130,
-2.5350

■ 132.7550, 95.5960,
-3.4120

■ 122.7300,
105.9120, -3.1440

Harmonies

Analogous

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



212.2250, 12.6080, 2.7840



211.7470, 10.9580, -0.3540



210.7140, 6.5570, -3.1950

Triad

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



211.7470, 10.9580, -0.3540



208.9770, -10.3610, -4.9610



212.2760, -0.5970, 5.3150

Complementary

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



211.7470, 10.9580, -0.3540



209.2530, -10.9580, 0.3540

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.



210.9870, -7.1530, 2.9830



211.7470, 10.9580, -0.3540



209.4760, -13.2040, -2.9960

Square

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



211.7470, 10.9580, -0.3540



209.4890, -6.0510, -5.9790



209.9540, -11.5540, 0.1420



212.6250, 5.7300, 6.2900

Rectangle

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



211.7470, 10.9580, -0.3540



210.5070, 2.7060, -4.9900



209.9540, -11.5540, 0.1420



212.0800, -2.9810, 4.4670

Sweetspot

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



211.7470, 10.9580, -0.3540



251.7400, 3.6680, -0.3960



207.3590, 9.5350, 8.9190



125.5550, 2.7510, -0.2970



0.0000, 0.0000, 0.0000



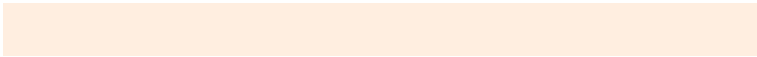
128.0000, -0.0000, -0.0000

Same Dimension

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



211.7470, 10.9580, -0.3540



241.4870, 14.6260, -0.7500



218.2040, 7.9330, -6.1070



107.2240, 5.1810, -0.2830



97.2360, 83.9960, -2.4360



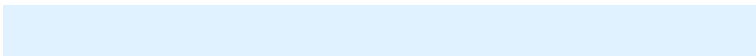
26.6790, 22.8330, -0.8070

Inverse Universe

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



209.2530, -10.9580, 0.3540



238.1000, -14.9010, 0.2270



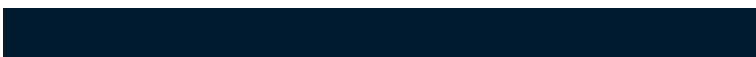
202.7960, -7.9330, 6.1070



105.7760, -5.1810, 0.2830



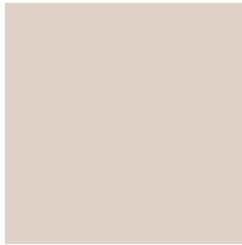
78.7640, -83.9960, 2.4360



21.3210, -22.8330, 0.8070

Previews

White Background



This preview shows how the YIQ color 211.7470, 10.9580, -0.3540 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 211.7470, 10.9580, -0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

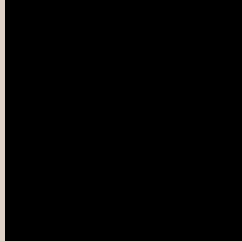
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

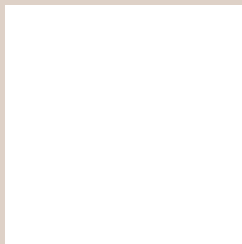
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.7470, 10.9580, -0.3540

Background



This preview shows how black text looks on a background with the YIQ color 211.7470, 10.9580, -0.3540.



This preview shows how white text looks on a background with the YIQ color 211.7470, 10.9580, -0.3540.

-0.3540.

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

211.7470, 10.9580, -0.3540

Protanopia

211.2520, 7.9780, -1.4140

Deuteranopia

213.1120, 20.3560, 5.5400



Tritanopia

213.5050, 6.1880, 9.0040

Trichromacy



Original Color

211.7470, 10.9580, -0.3540

Protanomaly

211.5510, 8.5740, -1.2020

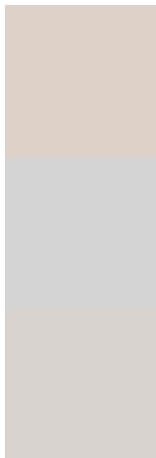
Deuteranomaly

212.7910, 16.8260, 3.4340

Tritanomaly

212.8810, 7.8850, 5.7810

Monochromacy



Original Color

211.7470, 10.9580, -0.3540

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0390, 4.2640, -0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7470, 10.9580, -0.3540 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(222, 209, 199)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 199)  
}
```

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(222, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 199) }
```

Border

The CSS property to change the border of an element to YIQ 211.7470, 10.9580, -0.3540 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(222, 209, 199) }
```


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

```
.border{ border-color:rgb(222, 209, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 199);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7470, 10.9580, -0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 199) }
```

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

```
.background{ background-color: rgb(222,  
209, 199) }
```

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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