

Converting Colors

YIQ(215.7870, 5.4540, 11.2940)

Have a look what the booklet for
YIQ(215.7870, 5.4540, 11.2940)
contains.

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Color

**YIQ(215.7870, 5.4540,
11.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CFE5
RGB	228, 207, 229
RGB Percent	89%, 81%, 90%
CMY	0.1058, 0.1882, 0.1020
CMYK	0.00, 0.10, 0.00, 0.10
HSL	297°, 30%, 85%
HSV	297°, 10%, 90%
XYZ	68.4538, 66.7752, 83.4106
YIQ	215.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

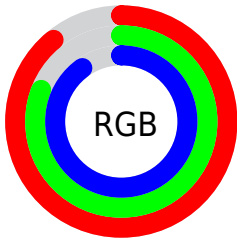
Format	Color
R _{YB}	228, 207, 229
Decimal	14995429
CIE _{Lab}	85.39, 11.16, -8.19
CIE _{LCh}	85, 13.839, 323.722
Y _{xy}	66.7752, 0.3131, 0.3054
Android (android.graphics.Color)	4293185509 (0xFFE4CFE5)
YUV	215.7870, 6.5140, 10.7108
Hunter-Lab	81.7161, 6.5266, -3.3182

Details

The YIQ color $215.7870, 5.4540, 11.2940$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $220.2130, -5.4540, -11.2940$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.3740, 5.1790, 10.7710$ is the 20% darker color. If you saturate the color by 10%, you get $201.9870, 11.1830, 23.1110$, and if you desaturate by 10%, it is $229.5870, -0.2750, -0.5230$.

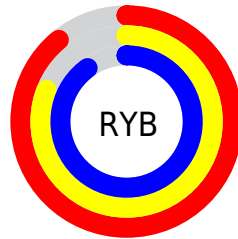
Distribution



Red (89%)

Green (81%)

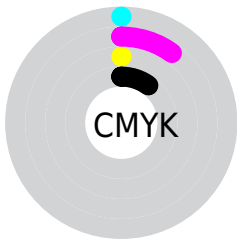
Blue (90%)



Red (89%)

Yellow (81%)

Blue (90%)

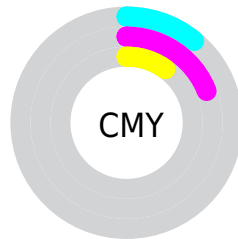


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.7870, 5.4540, 11.2940 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 215.7870, 5.4540, 11.2940 by changing the saturation by 10% instead.

■ 215.7870, 5.4540,
11.2940

■ 215.7870, 5.4540,
11.2940

255.0000, -0.0000,
-0.0000

■ 187.7870, 5.4540,
11.2940

■ 161.3740, 5.1790,
10.7710

■ 134.9610, 4.9040,
10.2480

■ 109.5480, 4.6290,
9.7250

■ 85.1350, 4.3540,
9.2020

■ 61.8360, 3.7580,
8.9900

■ 39.7220, 4.0790,

8.6790

■ 18.7220, 4.0790,
8.6790

■ 0.1140, -0.3210,
0.3110

■ 215.7870, 5.4540,
11.2940

■ 215.7870, 5.4540,
11.2940

■ 201.9870, 11.1830,
23.1110

■ 229.5870, -0.2750,
-0.5230

■ 188.1870, 16.9120,
34.9280

■ 243.3870, -6.0040,
-12.3400

■ 174.3870, 22.6410,
46.7450

■ 244.8600, -5.9580,
-13.1740

■ 160.5870, 28.3700,
58.5620

■ 245.1590, -5.3620,
-12.9620

146.7870, 34.0990,
70.3790

245.4580, -4.7660,
-12.7500

133.5740, 39.5530,
81.6730

245.7570, -4.1700,
-12.5380

119.7740, 45.2820,
93.4900

246.0560, -3.5740,
-12.3260

105.9740, 51.0110,
105.3070

246.3550, -2.9780,
-12.1140

92.1740, 56.7400,
117.1240

246.6540, -2.3820,
-11.9020

Harmonies

Analogous

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



214.5620, -7.1540, 8.5100



215.7870, 5.4540, 11.2940



216.2350, 15.8160, 10.7280

Triad

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



215.7870, 5.4540, 11.2940



213.1620, 16.9190, -3.7610



208.9690, -25.0780, -8.0700

Complementary

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



215.7870, 5.4540, 11.2940



220.2130, -5.4540, -11.2940

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.



209.2810, -17.3290, -10.8410



215.7870, 5.4540, 11.2940



212.0250, 6.8790, -9.0330

Square

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



215.7870, 5.4540, 11.2940



214.3740, 22.3740, 2.0060



210.3270, -5.7750, -10.9830



210.2450, -25.6750, -2.7550

Rectangle

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



215.7870, 5.4540, 11.2940



216.1060, 20.4930, 8.5650



210.3270, -5.7750, -10.9830



208.8120, -23.1980, -9.1020

Sweetspot

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



215.7870, 5.4540, 11.2940



250.3040, 2.2000, 4.1840



210.0950, -7.3370, 6.3190



124.1790, 1.0540, 2.9260



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.



215.7870, 5.4540, 11.2940



236.5040, 7.9290, 16.0010



214.9460, 9.2600, 8.3960



107.6570, 2.7040, 6.0640



71.5350, 44.4570, 91.9210



20.4650, 12.8330, 26.2490

Inverse Universe

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



213.6920, 12.7910, 4.9750



233.4970, 17.8340, 7.1940



221.0540, -9.2600, -8.3960



106.7020, 6.8310, 2.8550



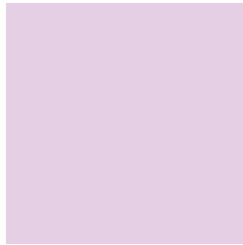
54.4330, 104.1160, 40.4360



15.4770, 29.7540, 11.4340

Previews

White Background



This preview shows how the YIQ color 215.7870, 5.4540, 11.2940 looks on a white background.

Color Contrast Check

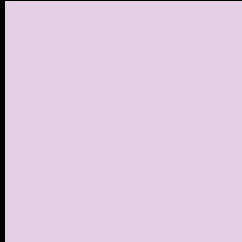
Large Text (above 18pt) WCAG AA × Fail

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 215.7870, 5.4540, 11.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

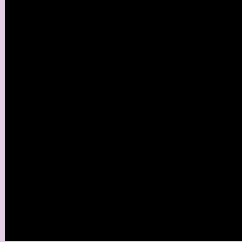
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.7870, 5.4540, 11.2940

Background



This preview shows how black text looks on a background with the YIQ color 215.7870, 5.4540, 11.2940.



This preview shows how white text looks on a background with the YIQ color 215.7870, 5.4540,

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

215.7870, 5.4540, 11.2940

Protanopia

214.2800, -6.4200, 6.2200

Deuteranopia

215.4880, 4.8580, 11.0820



Tritanopia

215.5050, 6.1880, 9.0040

Trichromacy



Original Color

215.7870, 5.4540, 11.2940

Protanomaly

214.7860, -1.9730, 8.2270

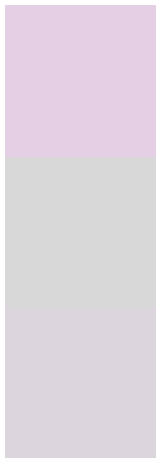
Deuteranomaly

215.4880, 4.8580, 11.0820

Tritanomaly

215.7330, 5.5460, 9.6260

Monochromacy



Original Color

215.7870, 5.4540, 11.2940

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.7870, 5.4540, 11.2940 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(228, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(228, 207, 229)  
}
```

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(228, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 207, 229) }
```

Border

The CSS property to change the border of an element to YIQ 215.7870, 5.4540, 11.2940 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(228, 207, 229) }
```


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

```
.border{ border-color:rgb(228, 207, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 207, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(228, 207,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 215.7870, 5.4540, 11.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 207, 229) }
```

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

```
.background{ background-color: rgb(228,  
207, 229) }
```

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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