

Converting Colors

YIQ(232.7870, 5.4540, 11.2940)

Have a look what the booklet for
YIQ(232.7870, 5.4540, 11.2940)
contains.

YIQ(232.7870, 5.4540, 11.2940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(232.7870, 5.4540,
11.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E0F6
RGB	245, 224, 246
RGB Percent	96%, 88%, 96%
CMY	0.0391, 0.1216, 0.0353
CMYK	0.00, 0.09, 0.00, 0.04
HSL	297°, 55%, 92%
HSV	297°, 9%, 96%
XYZ	80.9499, 79.3759, 98.2443
YIQ	232.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

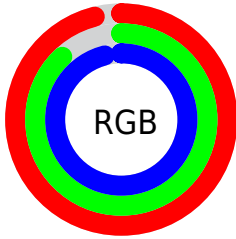
Format	Color
R _Y B	245, 224, 246
Decimal	16113910
CIE Lab	91.40, 11.00, -8.08
CIE LCh	91, 13.648, 323.688
Yxy	79.3759, 0.3131, 0.3070
Android (android.graphics.Color)	4294303990 (0xFFFF5E0F6)
YUV	232.7870, 6.5140, 10.7108
Hunter-Lab	89.0931, 6.2718, -3.0147

Details

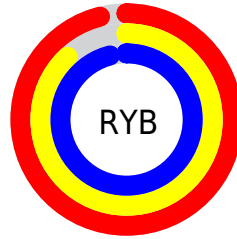
The YIQ color $232.7870, 5.4540, 11.2940$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.2130, -5.4540, -11.2940$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.3740, 5.1790, 10.7710$ is the 20% darker color. If you saturate the color by 10%, you get $217.8130, 11.7330, 24.1570$, and if you desaturate by 10%, it is $247.7610, -0.8250, -1.5690$.

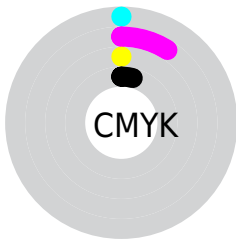
Distribution



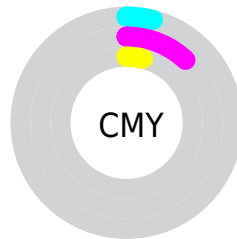
- Red (96%)
- Green (88%)
- Blue (96%)



- Red (96%)
- Yellow (88%)
- Blue (96%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.7870, 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 232.7870, 5.4540, 11.2940 by changing the saturation by 10% instead.

232.7870, 5.4540,
11.2940

232.7870, 5.4540,
11.2940

255.0000, -0.0000,
-0.0000

204.7870, 5.4540,
11.2940

177.3740, 5.1790,
10.7710

150.3740, 5.1790,
10.7710

124.5480, 4.6290,
9.7250

99.5480, 4.6290,
9.7250

75.2490, 4.0330,
9.5130

52.7220, 4.0790,

8.6790

■ 31.3090, 3.8040,
8.1560

■ 8.6730, 5.7750,
10.9830

■ 232.7870, 5.4540,
11.2940

■ 232.7870, 5.4540,
11.2940

■ 217.8130, 11.7330,
24.1570

■ 247.7610, -0.8250,
-1.5690

■ 203.4260, 17.7370,
36.4970

■ 251.5820, -1.8790,
-4.4950

■ 188.4520, 24.0160,
49.3600

■ 251.8810, -1.2830,
-4.2830

■ 174.0650, 30.0200,
61.7000

■ 252.1800, -0.6870,
-4.0710

159.0910, 36.2990,
74.5630

252.7780, 0.5050,
-3.6470

143.8180, 41.9820,
87.2140

253.0770, 1.1010,
-3.4350

129.4310, 47.9860,
99.5540

253.3760, 1.6970,
-3.2230

114.4570, 54.2650,
112.4170

253.6750, 2.2930,
-3.0110

100.0700, 60.2690,
124.7570

253.9740, 2.8890,
-2.7990

Harmonies

Analogous

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



231.5620, -7.1540, 8.5100



232.7870, 5.4540, 11.2940



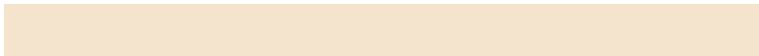
233.2350, 15.8160, 10.7280

Triad

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



232.7870, 5.4540, 11.2940



230.1620, 16.9190, -3.7610



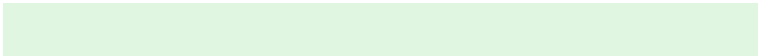
226.2680, -24.4820, -7.8580

Complementary

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



232.7870, 5.4540, 11.2940



237.2130, -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.



226.2810, -17.3290, -10.8410



232.7870, 5.4540, 11.2940



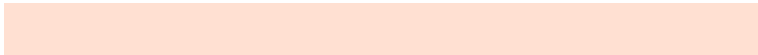
229.0250, 6.8790, -9.0330

Square

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



232.7870, 5.4540, 11.2940



231.6730, 22.9700, 2.2180



227.3270, -5.7750, -10.9830



227.2450, -25.6750, -2.7550

Rectangle

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



232.7870, 5.4540, 11.2940



232.2090, 18.7050, 7.9290



227.3270, -5.7750, -10.9830



225.8120, -23.1980, -9.1020

Sweetspot

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



232.7870, 5.4540, 11.2940



250.3040, 2.2000, 4.1840



227.0950, -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.



232.7870, 5.4540, 11.2940



238.2650, 7.1040, 14.4320



231.9460, 9.2600, 8.3960



114.9560, 3.3000, 6.2760



74.4260, 46.3820, 95.5820



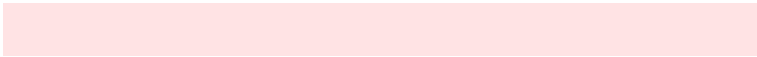
23.4700, 14.4370, 30.2210

Inverse Universe

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



230.6920, 12.7910, 4.9750



235.4860, 16.3670, 6.2470



238.0540, -9.2600, -8.3960



113.7020, 6.8310, 2.8550



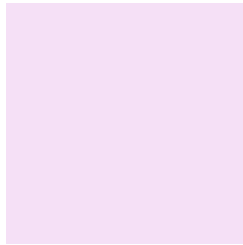
56.5260, 108.2880, 41.9200



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 232.7870, 5.4540, 11.2940 looks on a white background.

Color Contrast Check

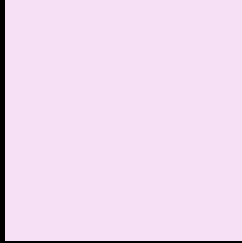
Large Text (above 18pt) WCAG AA × Fail

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 232.7870, 5.4540, 11.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

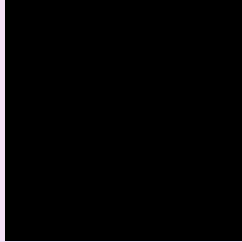
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.7870, 5.4540, 11.2940

Background



This preview shows how black text looks on a background with the YIQ color 232.7870, 5.4540, 11.2940.



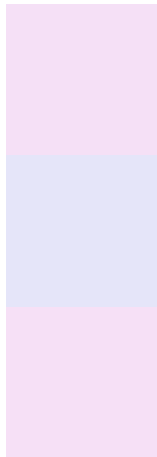
This preview shows how white text looks on a background with the YIQ color 232.7870, 5.4540,

11.2940.

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

232.7870, 5.4540, 11.2940

Protanopia

231.2800, -6.4200, 6.2200

Deuteranopia

233.0860, 6.0500, 11.5060



Tritanopia

232.6190, 5.8670, 9.3150

Trichromacy



Original Color

232.7870, 5.4540, 11.2940

Protanomaly

231.7860, -1.9730, 8.2270

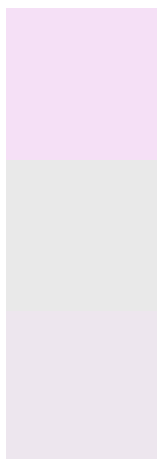
Deuteranomaly

233.0860, 6.0500, 11.5060

Tritanomaly

232.7330, 5.5460, 9.6260

Monochromacy



Original Color

232.7870, 5.4540, 11.2940

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.7870, 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(245, 224, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 246)  
}
```

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(245, 224, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 246) }
```

Border

The CSS property to change the border of an element to YIQ 232.7870, 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(245, 224, 246) }
```


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

```
.border{ border-color:rgb(245, 224, 246) }
```

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

Here you see how a box with a 4 pixel rgb(245, 224, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 232.7870, 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(245, 224, 246) }
```

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

```
.background{ background-color: rgb(245,  
224, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor