

Converting Colors

YIQ(235.9510, 10.8640, 12.3680)

Have a look what the booklet for
YIQ(235.9510, 10.8640, 12.3680)
contains.

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Color

**YIQ(235.9510, 10.8640,
12.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE1F5
RGB	254, 225, 245
RGB Percent	100%, 88%, 96%
CMY	0.0038, 0.1177, 0.0392
CMYK	0.00, 0.11, 0.04, 0.00
HSL	319°, 94%, 94%
HSV	319°, 11%, 100%
XYZ	84.2851, 81.5116, 97.6829
YIQ	235.9510, 10.8640, 12.3680

Conversions

Conversions Part 2

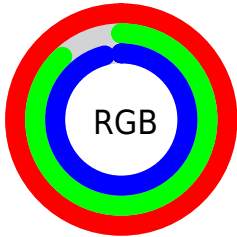
Format	Color
R _Y B	254, 225, 245
Decimal	16703989
CIE Lab	92.36, 13.30, -6.07
CIE LCh	92, 14.622, 335.485
Yxy	81.5116, 0.3199, 0.3094
Android (android.graphics.Color)	4294894069 (0xFFFE1F5)
YUV	235.9510, 4.4612, 15.8290
Hunter-Lab	90.2838, 8.6434, -0.9504

Details

The YIQ color $235.9510, 10.8640, 12.3680$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $243.0490, -10.8640, -12.3680$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.2390, 9.9930, 11.6330$ is the 20% darker color. If you saturate the color by 10%, you get $220.3640, 20.3070, 22.9550$, and if you desaturate by 10%, it is $251.5380, 1.4210, 1.7810$.

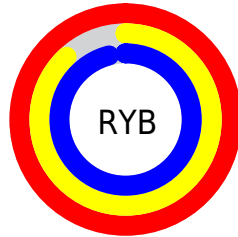
Distribution



Red (100%)

Green (88%)

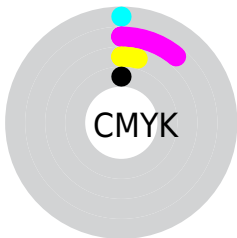
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

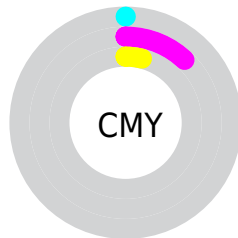


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.9510, 10.8640, 12.3680 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 235.9510, 10.8640, 12.3680 by changing the saturation by 10% instead.

 235.9510, 10.8640,
12.3680

 235.9510, 10.8640,
12.3680


255.0000, -0.0000,
-0.0000


 207.6520, 10.2680,
12.1560

 180.2390, 9.9930,
11.6330

 153.2390, 9.9930,
11.6330

 126.9400, 9.3970,
11.4210

 102.4130, 9.4430,
10.5870

 78.1140, 8.8470,
10.3750

 55.4020, 7.9760,

9.6400

■ 33.1030, 7.3800,
9.4280

■ 10.4670, 9.3510,
12.2550

■ 235.9510, 10.8640,
12.3680

■ 235.9510, 10.8640,
12.3680

■ 220.3640, 20.3070,
22.9550

■ 251.5380, 1.4210,
1.7810

■ 204.1900, 30.0250,
34.0650

254.7010, -0.5960,
-0.2120

■ 188.6030, 39.4680,
44.6520

■ 172.4290, 49.1860,
55.7620

■ 156.9560, 58.3080,
66.6600

■ 141.3690, 67.7510,
77.2470

■ 125.1950, 77.4690,
88.3570

■ 109.6080, 86.9120,
98.9440

■ 95.8960, 95.2090,
108.2730

Harmonies

Analogous

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



234.9540, -2.3860, 10.2060



235.9510, 10.8640, 12.3680



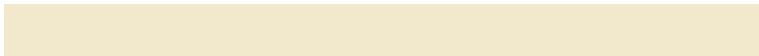
234.0670, 16.2290, 8.7490

Triad

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



235.9510, 10.8640, 12.3680



232.4990, 14.3520, -6.8000



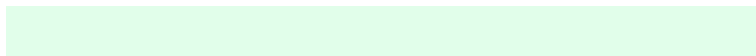
229.0550, -28.1960, -6.6280

Complementary

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



235.9510, 10.8640, 12.3680



243.0490, -10.8640, -12.3680

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.



228.6440, -22.7850, -11.0810



235.9510, 10.8640, 12.3680



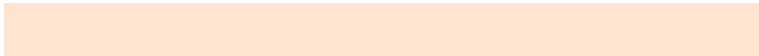
230.6330, 2.1110, -10.7290

Square

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



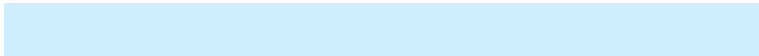
235.9510, 10.8640, 12.3680



233.7930, 22.5120, -0.4960



229.1630, -11.1850, -12.0570



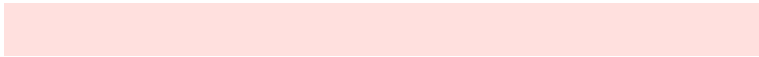
230.3700, -24.5290, -1.4970

Rectangle

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



235.9510, 10.8640, 12.3680



233.0410, 19.1180, 5.9500



229.1630, -11.1850, -12.0570



228.5990, -26.9120, -7.8720

Sweetspot

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



235.9510, 10.8640, 12.3680



250.0760, 2.8420, 3.5620



230.9970, -3.9450, 10.9270



124.2500, 2.2920, 2.5160



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

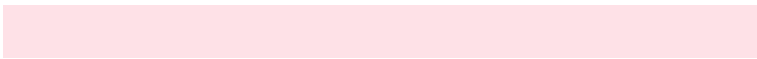
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.9510, 10.8640, 12.3680



232.6140, 13.4310, 15.4070



234.3550, 15.3580, 8.0140



119.9130, 4.8590, 5.5550



72.1570, 71.4640, 81.5440



24.1520, 24.0200, 27.2520

Inverse Universe

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



235.9510, 10.8640, 12.3680



232.6140, 13.4310, 15.4070



244.6450, -15.3580, -8.0140



119.9130, 4.8590, 5.5550



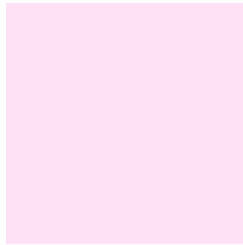
72.1570, 71.4640, 81.5440



24.1520, 24.0200, 27.2520

Previews

White Background



This preview shows how the YIQ color 235.9510, 10.8640, 12.3680 looks on a white background.

Color Contrast Check

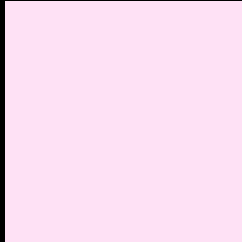
Large Text (above 18pt) WCAG AA × Fail

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 235.9510, 10.8640, 12.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

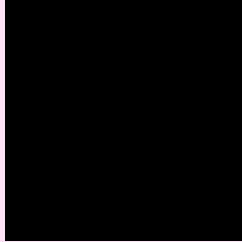
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.9510, 10.8640, 12.3680

Background



This preview shows how black text looks on a background with the YIQ color 235.9510, 10.8640, 12.3680.



This preview shows how white text looks on a background with the YIQ color 235.9510, 10.8640,

12.3680.

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

235.9510, 10.8640, 12.3680

Protanopia

234.2370, -4.8610, 5.4990

Deuteranopia

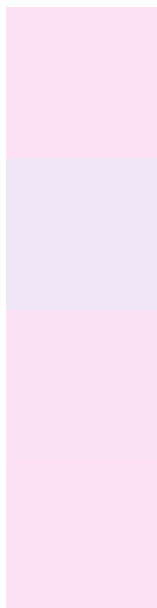
235.6410, 8.8010, 11.2090



Tritanopia

235.7230, 11.5060, 11.7460

Trichromacy



Original Color

235.9510, 10.8640, 12.3680

Protanomaly

234.7540, 1.0530, 8.4530

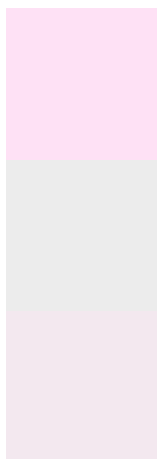
Deuteranomaly

235.9400, 9.3970, 11.4210

Tritanomaly

235.8370, 11.1850, 12.0570

Monochromacy



Original Color

235.9510, 10.8640, 12.3680

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.9510, 10.8640, 12.3680 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(254, 225, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 245)  
}
```

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(254, 225, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 245) }
```

Border

The CSS property to change the border of an element to YIQ 235.9510, 10.8640, 12.3680 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(254, 225, 245) }
```


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

```
.border{ border-color:rgb(254, 225, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 235.9510, 10.8640, 12.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 245) }
```

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

```
.background{ background-color: rgb(254,  
225, 245) }
```

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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