

Converting Colors

YIQ(236.6100, 10.0860, 4.4380)

Have a look what the booklet for
YIQ(236.6100, 10.0860, 4.4380)
contains.

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Color

**YIQ(236.6100, 10.0860,
4.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E7E9
RGB	249, 231, 233
RGB Percent	98%, 91%, 91%
CMY	0.0235, 0.0941, 0.0862
CMYK	0.00, 0.07, 0.06, 0.02
HSL	353°, 60%, 94%
HSV	353°, 7%, 98%
XYZ	82.3541, 83.1732, 88.8116
YIQ	236.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

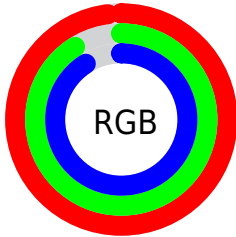
Format	Color
R _Y B	249, 231, 233
Decimal	16377833
CIE Lab	93.09, 6.45, 1.22
CIE LCh	93, 6.569, 10.696
Yxy	83.1732, 0.3238, 0.3270
Android (android.graphics.Color)	4294567913 (0xFF9E7E9)
YUV	236.6100, -1.7797, 10.8660
Hunter-Lab	91.1993, 1.5889, 6.1018

Details

The YIQ color $236.6100, 10.0860, 4.4380$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.3900, -10.0860, -4.4380$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.6100, 10.0860, 4.4380$ is the 20% darker color. If you saturate the color by 10%, you get $219.4270, 24.0230, 10.6710$, and if you desaturate by 10%, it is $253.2060, -3.5760, -1.2720$.

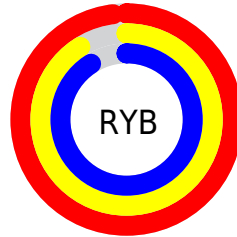
Distribution



Red (98%)

Green (91%)

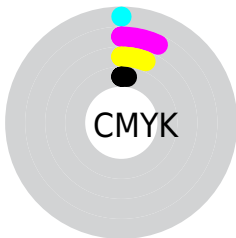
Blue (91%)



Red (98%)

Yellow (91%)

Blue (91%)

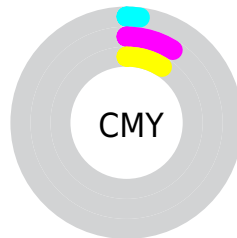


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (9%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 236.6100, 10.0860, 4.4380 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 236.6100, 10.0860, 4.4380 by changing the saturation by 10% instead.


 236.6100, 10.0860,
4.4380


 236.6100, 10.0860,
4.4380


255.0000, -0.0000,
-0.0000


 208.3110, 9.4900,
4.2260

 180.6100, 10.0860,
4.4380

 154.0120, 8.8940,
4.0140

 128.0120, 8.8940,
4.0140

 102.7130, 8.2980,
3.8020

 78.7130, 8.2980,
3.8020

 56.0010, 7.4270,

3.0670

■ 34.7020, 6.8310,
2.8550

■ 11.7240, 9.7650,
4.7490

■ 236.6100, 10.0860,
4.4380

■ 236.6100, 10.0860,
4.4380

■ 219.4270, 24.0230,
10.6710

■ 253.2060, -3.5760,
-1.2720

■ 202.2440, 37.9600,
16.9040

■ 185.0610, 51.8970,
23.1370

■ 167.8780, 65.8340,
29.3700

■ 150.5810, 80.0920,
35.2920

■ 133.9850, 93.7540,
41.0020

■ 116.8020,
107.6910, 47.2350

■ 99.6190, 121.6280,
53.4680

■ 82.4360, 135.5650,
59.7010

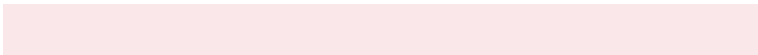
Harmonies

Analogous

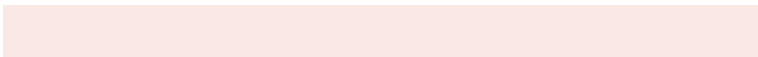
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.3970, 6.3720, 5.6680



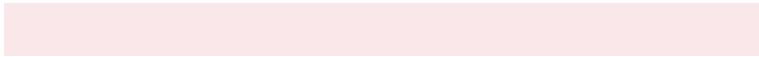
236.6100, 10.0860, 4.4380



236.5130, 11.7370, 2.0490

Triad

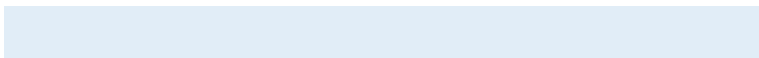
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.6100, 10.0860, 4.4380



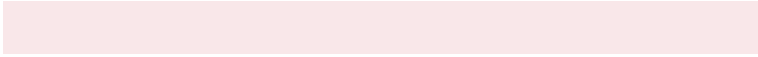
233.8380, 0.2760, -5.0040



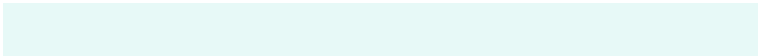
234.5520, -10.3620, 0.5660

Complementary

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



236.6100, 10.0860, 4.4380



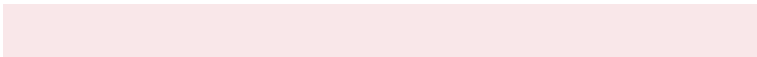
243.3900, -10.0860, -4.4380

Split Complementary

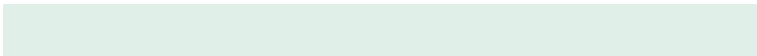
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.4870, -11.7370, -2.0490



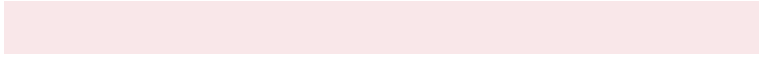
236.6100, 10.0860, 4.4380



233.6030, -6.3720, -5.6680

Square

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



236.6100, 10.0860, 4.4380



234.5290, 5.6400, -3.0960



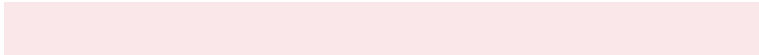
233.0910, -10.6820, -4.6500



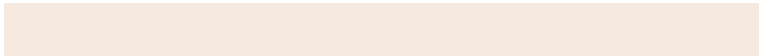
235.4710, -5.6400, 3.0960

Rectangle

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



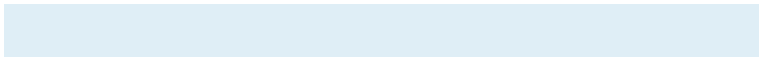
236.6100, 10.0860, 4.4380



235.8610, 10.6370, -0.0430



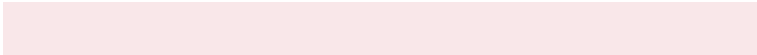
233.0910, -10.6820, -4.6500



234.4270, -11.5080, -0.6920

Sweetspot

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



236.6100, 10.0860, 4.4380



251.4950, 2.9800, 1.0600



237.8360, 3.7580, 8.9900



125.8970, 1.7880, 0.6360



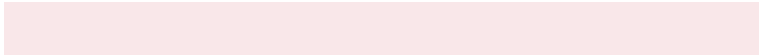
0.0000, 0.0000, 0.0000



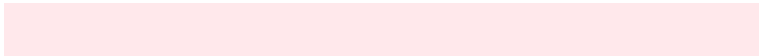
128.0000, -0.0000, -0.0000

Same Dimension

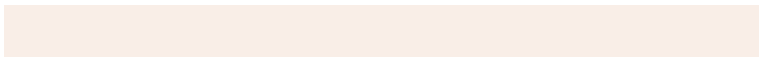
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.6100, 10.0860, 4.4380



239.2190, 12.7450, 5.8090



240.4910, 8.8030, 0.1550



116.1150, 7.1060, 3.3780



58.9050, 105.9030, 46.5990



19.0370, 34.1090, 15.1090

Inverse Universe

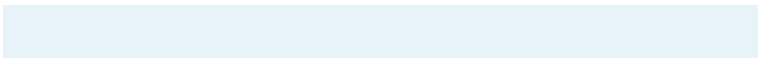
The Inverse Universe completely reimagines the original color for something new.



236.6100, 10.0860, 4.4380



239.2190, 12.7450, 5.8090



239.5090, -8.8030, -0.1550



116.1150, 7.1060, 3.3780



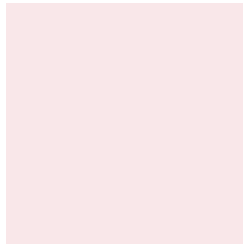
58.9050, 105.9030, 46.5990



19.0370, 34.1090, 15.1090

Previews

White Background



This preview shows how the YIQ color 236.6100, 10.0860, 4.4380 looks on a white background.

Color Contrast Check

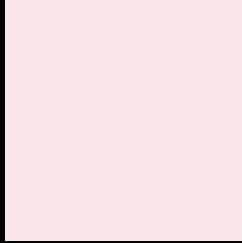
Large Text (above 18pt) WCAG AA × Fail

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 236.6100, 10.0860, 4.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

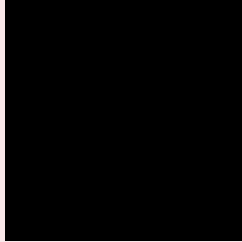
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.6100, 10.0860, 4.4380

Background



This preview shows how black text looks on a background with the YIQ color 236.6100, 10.0860, 4.4380.



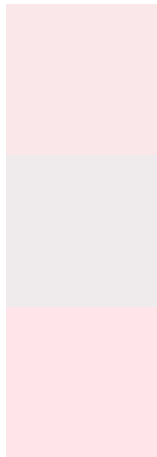
This preview shows how white text looks on a background with the YIQ color 236.6100, 10.0860,

4.4380.

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

236.6100, 10.0860, 4.4380

Protanopia

235.6090, 2.6590, 1.3710

Deuteranopia

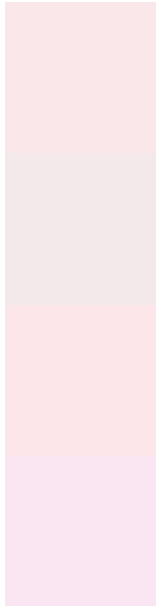
237.3440, 13.8910, 7.0670



Tritanopia

237.6300, 7.3340, 10.2620

Trichromacy



Original Color

236.6100, 10.0860, 4.4380

Protanomaly

236.1040, 5.6390, 2.4310

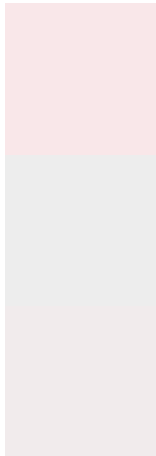
Deuteranomaly

237.3330, 12.4240, 6.1200

Tritanomaly

237.3480, 8.0680, 7.9720

Monochromacy



Original Color

236.6100, 10.0860, 4.4380

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.9080, 3.2550, 1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.6100, 10.0860, 4.4380 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(249, 231, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 231, 233)  
}
```

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(249, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 231, 233) }
```

Border

The CSS property to change the border of an element to YIQ 236.6100, 10.0860, 4.4380 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(249, 231, 233) }
```


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

```
.border{ border-color:rgb(249, 231, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 231, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 231,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 236.6100, 10.0860, 4.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 231, 233) }
```

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

```
.background{ background-color: rgb(249,  
231, 233) }
```

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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