

Converting Colors

YIQ(232.5180, 13.3410, 6.0210)

Have a look what the booklet for
YIQ(232.5180, 13.3410, 6.0210)
contains.

YIQ(232.5180, 13.3410, 6.0210)	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(232.5180, 13.3410,
6.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E1E4
RGB	249, 225, 228
RGB Percent	98%, 88%, 89%
CMY	0.0235, 0.1177, 0.1058
CMYK	0.00, 0.10, 0.08, 0.02
HSL	352°, 67%, 93%
HSV	352°, 10%, 98%
XYZ	80.0002, 79.5896, 84.5541
YIQ	232.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

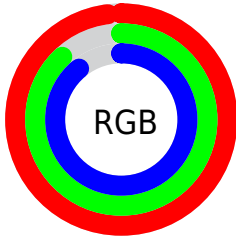
Format	Color
R _Y B	249, 225, 228
Decimal	16376292
CIE Lab	91.50, 8.72, 1.51
CIE LCh	92, 8.852, 9.844
Yxy	79.5896, 0.3277, 0.3260
Android (android.graphics.Color)	4294566372 (0xFF9E1E4)
YUV	232.5180, -2.2274, 14.4547
Hunter-Lab	89.2130, 3.9438, 6.2554

Details

The YIQ color $232.5180, 13.3410, 6.0210$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $241.4820, -13.3410, -6.0210$, 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 $176.9200, 12.1490, 5.5970$ is the 20% darker color. If you saturate the color by 10%, you get $215.3350, 27.2780, 12.2540$, and if you desaturate by 10%, it is $249.7010, -0.5960, -0.2120$.

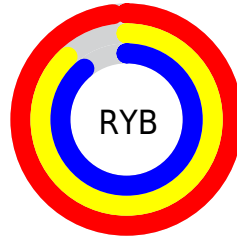
Distribution



Red (98%)

Green (88%)

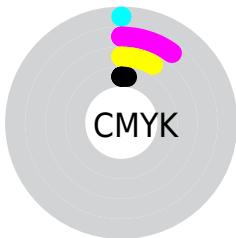
Blue (89%)



Red (98%)

Yellow (88%)

Blue (89%)

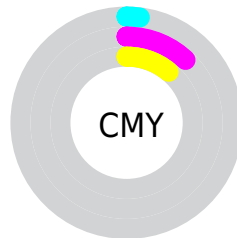


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 232.5180, 13.3410, 6.0210 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 232.5180, 13.3410, 6.0210 by changing the saturation by 10% instead.


 232.5180, 13.3410,
6.0210


 232.5180, 13.3410,
6.0210


255.0000, -0.0000,
-0.0000


 204.2190, 12.7450,
5.8090

 176.9200, 12.1490,
5.5970

 149.9200, 12.1490,
5.5970

 124.5070, 11.8740,
5.0740

 99.3220, 10.9570,
5.1730

 75.3220, 10.9570,
5.1730

 52.7240, 9.7650,

4.7490

■ 31.4250, 9.1690,
4.5370

■ 7.4040, 13.6620,
5.7100

■ 232.5180, 13.3410,
6.0210

■ 232.5180, 13.3410,
6.0210

■ 215.3350, 27.2780,
12.2540

■ 249.7010, -0.5960,
-0.2120

■ 198.1520, 41.2150,
18.4870

■ 253.2060, -3.5760,
-1.2720

■ 181.0830, 54.8310,
25.0310

■ 163.9000, 68.7680,
31.2640

■ 146.7170, 82.7050,
37.4970

■ 130.1210, 96.3670,
43.2070

■ 113.0520,
109.9830, 49.7510

■ 95.8690, 123.9200,
55.9840

■ 78.6860, 137.8570,
62.2170

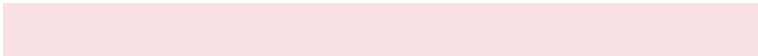
Harmonies

Analogous

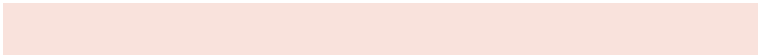
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.6360, 7.1970, 7.2370



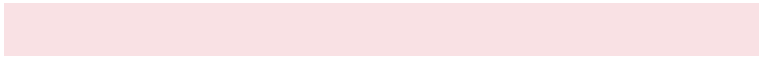
232.5180, 13.3410, 6.0210



232.1930, 15.6340, 3.0100

Triad

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



232.5180, 13.3410, 6.0210



228.7840, 0.3680, -6.6720



229.3990, -14.3050, 0.4390

Complementary

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



232.5180, 13.3410, 6.0210



241.4820, -13.3410, -6.0210

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.



228.5080, -16.2300, -3.2220



232.5180, 13.3410, 6.0210



228.0650, -7.7930, -7.4490

Square

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



232.5180, 13.3410, 6.0210



230.2580, 7.8410, -4.4390



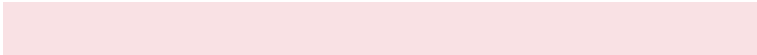
228.1830, -13.9370, -6.2330



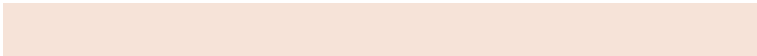
230.4430, -8.4370, 4.2270

Rectangle

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



232.5180, 13.3410, 6.0210



231.4270, 14.8550, 0.6070



228.1830, -13.9370, -6.2330



229.2740, -15.4510, -0.8190

Sweetspot

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



232.5180, 13.3410, 6.0210



249.5060, 4.4470, 2.0070



234.0150, 4.8120, 11.9160



123.9080, 3.2550, 1.5830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

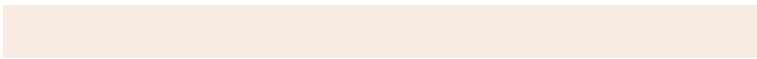
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.5180, 13.3410, 6.0210



233.7250, 17.1920, 7.8160



237.4590, 11.8290, 0.3810



116.1150, 7.1060, 3.3780



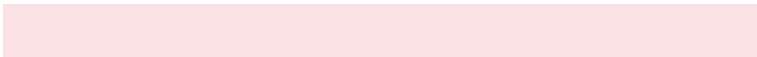
59.2470, 104.9400, 47.5320



19.1510, 33.7880, 15.4200

Inverse Universe

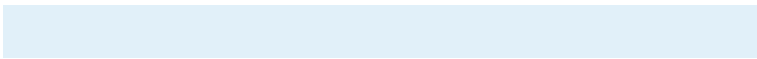
The Inverse Universe completely reimagines the original color for something new.



232.5180, 13.3410, 6.0210



233.7250, 17.1920, 7.8160



236.5410, -11.8290, -0.3810



116.1150, 7.1060, 3.3780



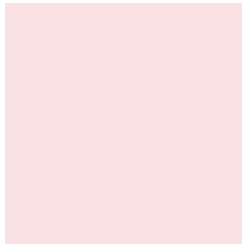
59.2470, 104.9400, 47.5320



19.1510, 33.7880, 15.4200

Previews

White Background



This preview shows how the YIQ color 232.5180, 13.3410, 6.0210 looks on a white background.

Color Contrast Check

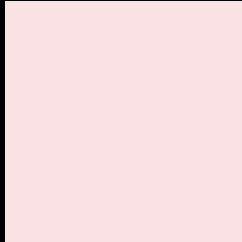
Large Text (above 18pt) WCAG AA × Fail

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 232.5180, 13.3410, 6.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

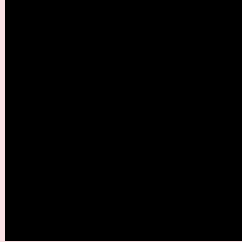
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.5180, 13.3410, 6.0210

Background



This preview shows how black text looks on a background with the YIQ color 232.5180, 13.3410, 6.0210.

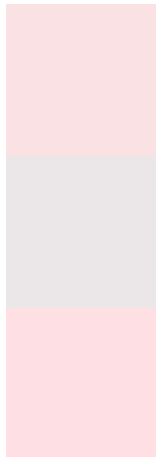


This preview shows how white text looks on a background with the YIQ color 232.5180, 13.3410,

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

232.5180, 13.3410, 6.0210

Protanopia

231.6090, 2.6590, 1.3710

Deuteranopia

232.8390, 16.8710, 8.1270



Tritanopia

233.4240, 10.9100, 11.5340

Trichromacy



Original Color

232.5180, 13.3410, 6.0210

Protanomaly

231.8160, 6.5100, 3.1660

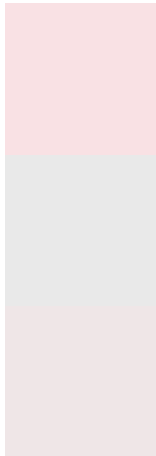
Deuteranomaly

232.8280, 15.4040, 7.1800

Tritanomaly

233.1420, 11.6440, 9.2440

Monochromacy



Original Color

232.5180, 13.3410, 6.0210

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.8050, 5.0430, 2.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.5180, 13.3410, 6.0210 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, 225, 228)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 228)  
}
```

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, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 228) }
```

Border

The CSS property to change the border of an element to YIQ 232.5180, 13.3410, 6.0210 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, 225, 228) }
```


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

```
.border{ border-color:rgb(249, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 232.5180, 13.3410, 6.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 228) }
```

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

```
.background{ background-color: rgb(249,  
225, 228) }
```

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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