

Converting Colors

YIQ(236.1160, 14.5330, 6.4450)

Have a look what the booklet for
YIQ(236.1160, 14.5330, 6.4450)
contains.

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Color

**YIQ(236.1160, 14.5330,
6.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE4E7
RGB	254, 228, 231
RGB Percent	100%, 89%, 91%
CMY	0.0039, 0.1059, 0.0941
CMYK	0.00, 0.10, 0.09, 0.00
HSL	353°, 93%, 95%
HSV	353°, 10%, 100%
XYZ	83.0452, 82.3250, 87.1251
YIQ	236.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

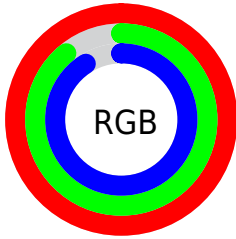
Format	Color
R_{YB}	254, 228, 231
Decimal	16704743
CIE Lab	92.72, 9.39, 1.77
CIE LCh	93, 9.553, 10.666
Yxy	82.3250, 0.3289, 0.3260
Android (android.graphics.Color)	4294894823 (0xFFEE4E7)
YUV	236.1160, -2.5222, 15.6843
Hunter-Lab	90.7331, 4.5925, 6.5809

Details

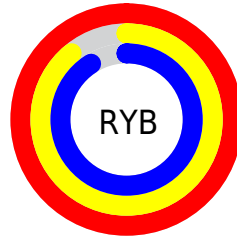
The YIQ color $236.1160, 14.5330, 6.4450$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $245.8840, -14.5330, -6.4450$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.4040, 13.6620, 5.7100$ is the 20% darker color. If you saturate the color by 10%, you get $218.9330, 28.4700, 12.6780$, and if you desaturate by 10%, it is $253.2990, 0.5960, 0.2120$.

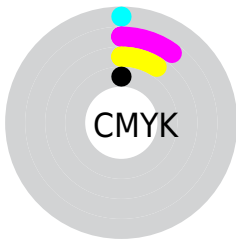
Distribution



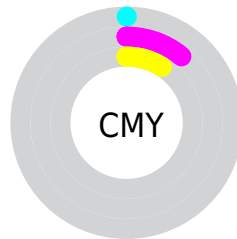
- Red (100%)
- Green (89%)
- Blue (91%)



- Red (100%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 236.1160, 14.5330, 6.4450 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 236.1160, 14.5330, 6.4450 by changing the saturation by 10% instead.


 236.1160, 14.5330,
6.4450


 236.1160, 14.5330,
6.4450


255.0000, -0.0000,
-0.0000


 207.8170, 13.9370,
6.2330

 180.5180, 13.3410,
6.0210

 153.5180, 13.3410,
6.0210

 127.2190, 12.7450,
5.8090

 101.9200, 12.1490,
5.5970

 78.5070, 11.8740,
5.0740

 55.3220, 10.9570,

5.1730

■ 33.7240, 9.7650,
4.7490

■ 9.9310, 13.6160,
6.5440

■ 236.1160, 14.5330,
6.4450

■ 236.1160, 14.5330,
6.4450

■ 218.9330, 28.4700,
12.6780

■ 253.2990, 0.5960,
0.2120

■ 201.0490, 43.0030,
19.1230

■ 254.7010, -0.5960,
-0.2120

■ 183.8660, 56.9400,
25.3560

■ 165.9820, 71.4730,
31.8010

■ 148.7990, 85.4100,
38.0340

■ 131.5020, 99.6680,
43.9560

■ 113.7320,
113.8800, 50.7120

■ 96.4350, 128.1380,
56.6340

■ 79.2520, 142.0750,
62.8670

Harmonies

Analogous

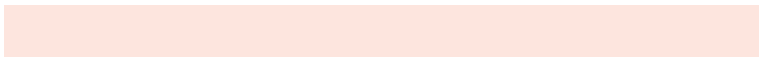
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2340, 8.3890, 7.6610



236.1160, 14.5330, 6.4450



235.3780, 16.5510, 2.9110

Triad

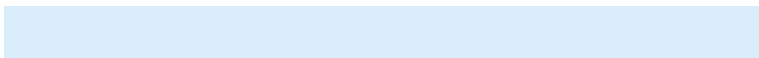
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.1160, 14.5330, 6.4450



232.3710, 0.0930, -7.1950



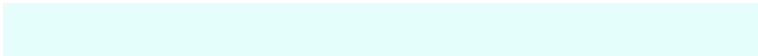
232.9150, -15.8180, 0.3260

Complementary

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



236.1160, 14.5330, 6.4450



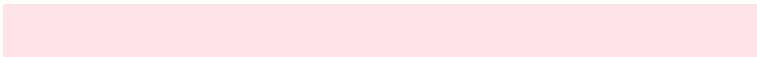
245.8840, -14.5330, -6.4450

Split Complementary

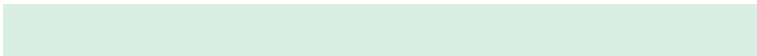
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7250, -18.3390, -3.5470



236.1160, 14.5330, 6.4450



231.4670, -8.9850, -7.8730

Square

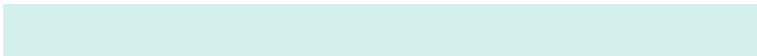
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.1160, 14.5330, 6.4450



233.1440, 8.1620, -4.7500



231.2860, -15.7250, -6.8690



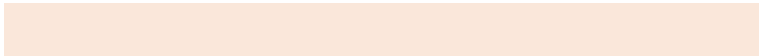
234.5570, -8.7580, 4.5380

Rectangle

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



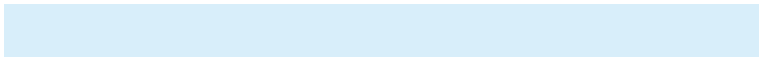
236.1160, 14.5330, 6.4450



235.1990, 15.4970, -0.0150



231.2860, -15.7250, -6.8690



232.7900, -16.9640, -0.9320

Sweetspot

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



236.1160, 14.5330, 6.4450



249.5060, 4.4470, 2.0070



237.8410, 5.3620, 12.9620



123.9080, 3.2550, 1.5830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

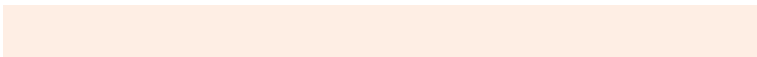
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.1160, 14.5330, 6.4450



233.7250, 17.1920, 7.8160



241.6440, 12.7460, 0.2820



119.0010, 7.4270, 3.0670



59.6170, 106.7740, 47.3340



19.9340, 35.8970, 15.7450

Inverse Universe

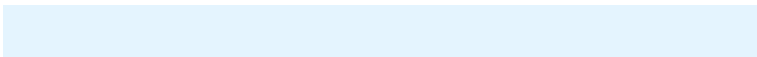
The Inverse Universe completely reimagines the original color for something new.



236.1160, 14.5330, 6.4450



233.7250, 17.1920, 7.8160



240.3560, -12.7460, -0.2820



119.0010, 7.4270, 3.0670



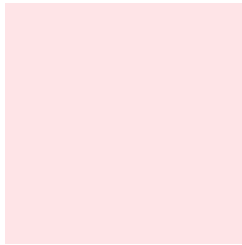
59.6170, 106.7740, 47.3340



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 236.1160, 14.5330, 6.4450 looks on a white background.

Color Contrast Check

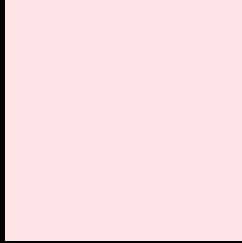
Large Text (above 18pt) WCAG AA × Fail

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 236.1160, 14.5330, 6.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

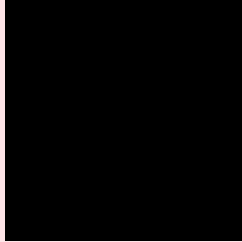
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.1160, 14.5330, 6.4450

Background



This preview shows how black text looks on a background with the YIQ color 236.1160, 14.5330, 6.4450.



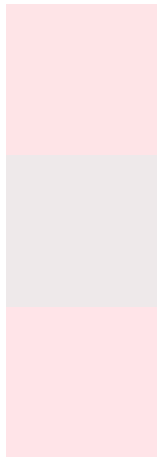
This preview shows how white text looks on a background with the YIQ color 236.1160, 14.5330,

6.4450.

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

236.1160, 14.5330, 6.4450

Protanopia

234.6090, 2.6590, 1.3710

Deuteranopia

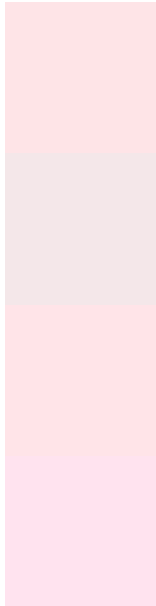
236.5290, 14.8080, 6.9680



Tritanopia

236.6090, 11.8270, 11.4350

Trichromacy



Original Color

236.1160, 14.5330, 6.4450

Protanomaly

235.1150, 7.1060, 3.3780

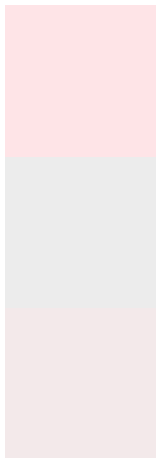
Deuteranomaly

236.5290, 14.8080, 6.9680

Tritanomaly

236.7400, 12.8360, 9.6680

Monochromacy



Original Color

236.1160, 14.5330, 6.4450

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.1040, 5.6390, 2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.1160, 14.5330, 6.4450 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, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 231)  
}
```

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, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 231) }
```

Border

The CSS property to change the border of an element to YIQ 236.1160, 14.5330, 6.4450 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, 228, 231) }
```


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

```
.border{ border-color:rgb(254, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 236.1160, 14.5330, 6.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 231) }
```

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

```
.background{ background-color: rgb(254,  
228, 231) }
```

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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