

Converting Colors

YIQ(235.6000, 16.0460, 6.5580)

Have a look what the booklet for
YIQ(235.6000, 16.0460, 6.5580)
contains.

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Color

**YIQ(235.6000, 16.0460,
6.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3E5
RGB	255, 227, 229
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1098, 0.1019
CMYK	0.00, 0.11, 0.10, 0.00
HSL	356°, 100%, 95%
HSV	356°, 11%, 100%
XYZ	82.8509, 81.8498, 85.5722
YIQ	235.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

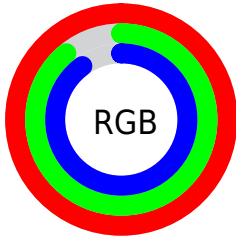
Format	Color
R _Y B	255, 227, 229
Decimal	16770021
CIE Lab	92.51, 9.92, 2.52
CIE LCh	93, 10.233, 14.237
Yxy	81.8498, 0.3310, 0.3270
Android (android.graphics.Color)	4294960101 (0xFFFFE3E5)
YUV	235.6000, -3.2538, 17.0138
Hunter-Lab	90.4709, 5.1418, 7.2499

Details

The YIQ color $235.6000, 16.0460, 6.5580$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $246.4000, -16.0460, -6.5580$, 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 $180.0020, 14.8540, 6.1340$ is the 20% darker color. If you saturate the color by 10%, you get $217.6020, 30.9000, 12.6920$, and if you desaturate by 10%, it is $253.0110, 1.4670, 0.9470$.

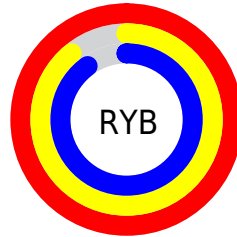
Distribution



Red (100%)

Green (89%)

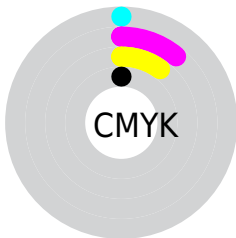
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

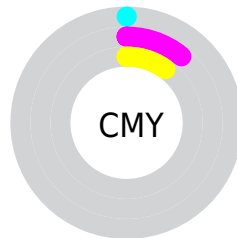


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.6000, 16.0460, 6.5580 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 235.6000, 16.0460, 6.5580 by changing the saturation by 10% instead.


 235.6000, 16.0460,
6.5580


 235.6000, 16.0460,
6.5580


255.0000, -0.0000,
-0.0000


 207.3010, 15.4500,
6.3460

 180.0020, 14.8540,
6.1340

 153.0020, 14.8540,
6.1340

 126.7030, 14.2580,
5.9220

 102.1050, 13.0660,
5.4980

 77.8060, 12.4700,
5.2860

 54.5070, 11.8740,

5.0740

■ 33.2080, 11.2780,
4.8620

■ 9.3010, 15.4500,
6.3460

■ 235.6000, 16.0460,
6.5580

■ 235.6000, 16.0460,
6.5580

■ 217.6020, 30.9000,
12.6920

■ 253.0110, 1.4670,
0.9470

■ 200.3050, 45.1580,
18.6140

255.0000, -0.0000,
-0.0000

■ 182.3070, 60.0120,
24.7480

■ 164.8960, 74.5910,
30.3590

■ 147.0120, 89.1240,
36.8040

■ 129.6010,
103.7030, 42.4150

■ 111.6030,
118.5570, 48.5490

■ 94.3060, 132.8150,
54.4710

■ 78.2970, 146.2020,
59.6580

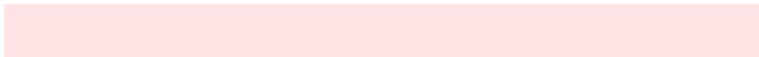
Harmonies

Analogous

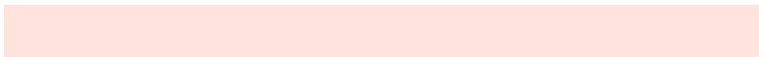
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.5440, 10.4520, 8.8200



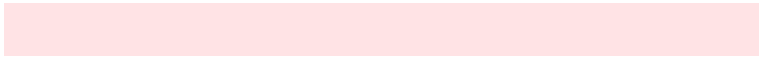
235.6000, 16.0460, 6.5580



234.8620, 18.0640, 3.0240

Triad

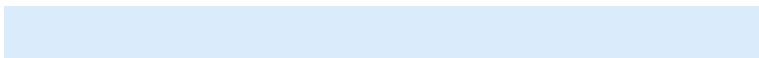
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6000, 16.0460, 6.5580



231.3600, -1.3740, -8.1420



232.4420, -15.8640, 1.1600

Complementary

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



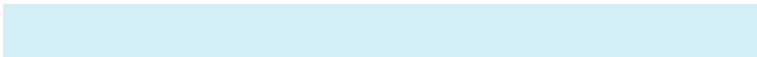
235.6000, 16.0460, 6.5580



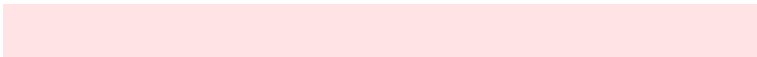
246.4000, -16.0460, -6.5580

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.



230.9530, -18.9810, -2.9250



235.6000, 16.0460, 6.5580



230.5700, -10.7730, -8.5090

Square

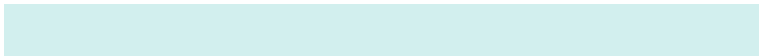
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.6000, 16.0460, 6.5580



232.6170, 8.2080, -5.5840



230.2150, -16.9630, -6.4590



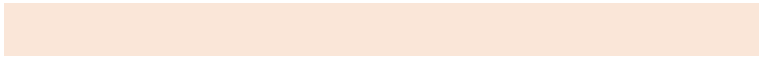
233.9700, -8.4830, 5.0610

Rectangle

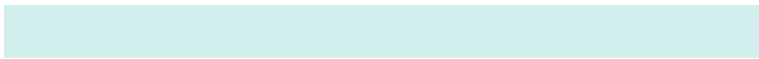
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



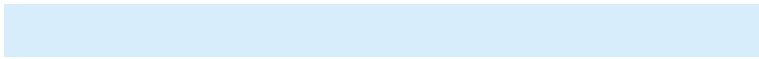
235.6000, 16.0460, 6.5580



234.3840, 16.4140, -0.1140



230.2150, -16.9630, -6.4590



232.0180, -17.6060, -0.3100

Sweetspot

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



235.6000, 16.0460, 6.5580



249.5060, 4.4470, 2.0070



237.9660, 6.5080, 14.2200



123.9080, 3.2550, 1.5830



0.0000, 0.0000, 0.0000



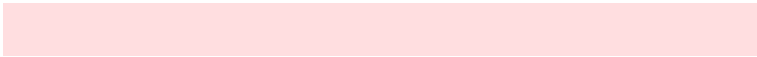
128.0000, -0.0000, -0.0000

Same Dimension

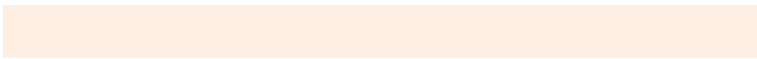
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6000, 16.0460, 6.5580



232.0950, 19.0260, 7.6180



242.4160, 13.3880, -0.3400



119.0010, 7.4270, 3.0670



58.7050, 109.3420, 44.8460



19.7060, 36.5390, 15.1230

Inverse Universe

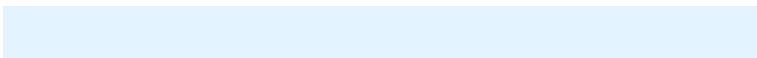
The Inverse Universe completely reimagines the original color for something new.



235.6000, 16.0460, 6.5580



232.0950, 19.0260, 7.6180



239.5840, -13.3880, 0.3400



119.0010, 7.4270, 3.0670



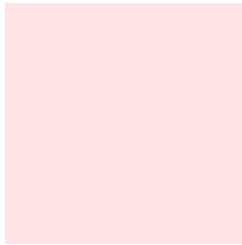
58.7050, 109.3420, 44.8460



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 235.6000, 16.0460, 6.5580 looks on a white background.

Color Contrast Check

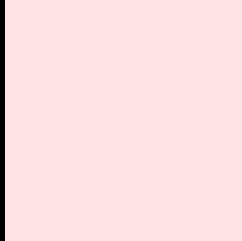
Large Text (above 18pt) WCAG AA × Fail

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 235.6000, 16.0460, 6.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

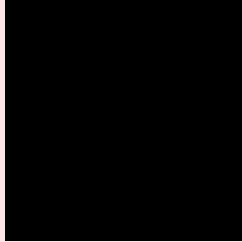
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

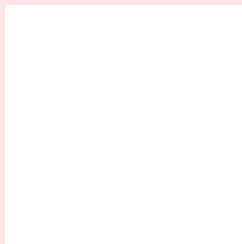
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.6000, 16.0460, 6.5580

Background



This preview shows how black text looks on a background with the YIQ color 235.6000, 16.0460, 6.5580.



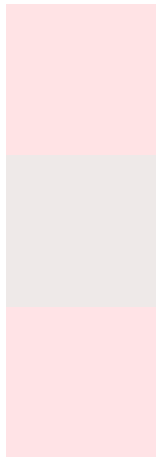
This preview shows how white text looks on a background with the YIQ color 235.6000, 16.0460,

6.5580.

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

235.6000, 16.0460, 6.5580

Protanopia

234.3810, 3.3010, 0.7490

Deuteranopia

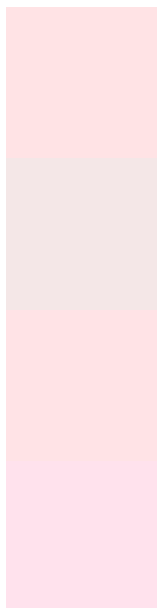
235.7140, 15.7250, 6.8690



Tritanopia

236.4950, 12.1480, 11.1240

Trichromacy



Original Color

235.6000, 16.0460, 6.5580

Protanomaly

234.8870, 7.7480, 2.7560

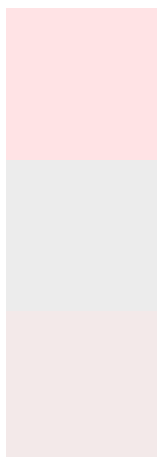
Deuteranomaly

235.7140, 15.7250, 6.8690

Tritanomaly

235.9250, 13.7530, 9.5690

Monochromacy



Original Color

235.6000, 16.0460, 6.5580

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.9900, 5.9600, 2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.6000, 16.0460, 6.5580 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(255, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 229)  
}
```

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(255, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 229) }
```

Border

The CSS property to change the border of an element to YIQ 235.6000, 16.0460, 6.5580 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(255, 227, 229) }
```


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

```
.border{ border-color:rgb(255, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 235.6000, 16.0460, 6.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 229) }
```

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

```
.background{ background-color: rgb(255,  
227, 229) }
```

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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