

Converting Colors

YIQ(236.0880, 11.7360, 7.5760)

Have a look what the booklet for
YIQ(236.0880, 11.7360, 7.5760)
contains.

YIQ(236.0880, 11.7360, 7.5760)	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(236.0880, 11.7360,
7.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE4EC
RGB	252, 228, 236
RGB Percent	99%, 89%, 93%
CMY	0.0117, 0.1059, 0.0745
CMYK	0.00, 0.10, 0.06, 0.01
HSL	340°, 80%, 94%
HSV	340°, 10%, 99%
XYZ	83.0331, 82.2364, 90.8616
YIQ	236.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

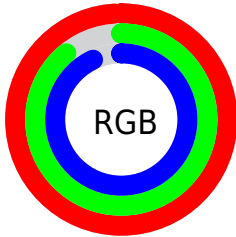
Format	Color
R _Y B	252, 228, 236
Decimal	16573676
CIE Lab	92.68, 9.53, -0.92
CIE LCh	93, 9.577, 354.509
Yxy	82.2364, 0.3242, 0.3211
Android (android.graphics.Color)	4294763756 (0xFFFC E4EC)
YUV	236.0880, -0.0434, 13.9548
Hunter-Lab	90.6843, 4.7421, 4.0731

Details

The YIQ color $236.0880, 11.7360, 7.5760$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.9120, -11.7360, -7.5760$, 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 $180.3760, 10.8650, 6.8410$ is the 20% darker color. If you saturate the color by 10%, you get $219.4750, 24.0680, 15.3640$, and if you desaturate by 10%, it is $252.7010, -0.5960, -0.2120$.

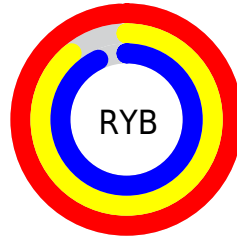
Distribution



Red (99%)

Green (89%)

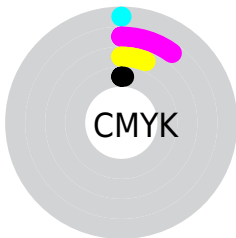
Blue (93%)



Red (99%)

Yellow (89%)

Blue (93%)

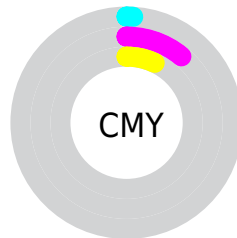


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 236.0880, 11.7360, 7.5760 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 236.0880, 11.7360, 7.5760 by changing the saturation by 10% instead.


 236.0880, 11.7360,
7.5760


 236.0880, 11.7360,
7.5760


255.0000, -0.0000,
-0.0000


 207.7890, 11.1400,
7.3640

 180.3760, 10.8650,
6.8410

 153.3760, 10.8650,
6.8410

 127.4900, 10.5440,
7.1520

 102.1910, 9.9480,
6.9400

 78.4790, 9.0770,
6.2050

 55.1800, 8.4810,

5.9930

■ 33.7670, 8.2060,
5.4700

■ 10.3160, 11.0940,
8.1980

■ 236.0880, 11.7360,
7.5760

■ 236.0880, 11.7360,
7.5760

■ 219.4750, 24.0680,
15.3640

■ 252.7010, -0.5960,
-0.2120

■ 202.8620, 36.4000,
23.1520

■ 254.1030, -1.7880,
-0.6360

■ 185.7760, 48.6860,
31.7740

■ 169.1630, 61.0180,
39.5620

■ 152.5500, 73.3500,
47.3500

■ 135.9370, 85.6820,
55.1380

■ 119.3240, 98.0140,
62.9260

■ 102.2380,
110.3000, 71.5480

■ 85.6250, 122.6320,
79.3360

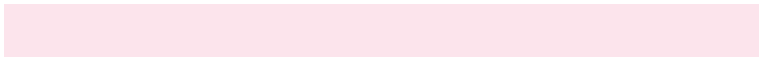
Harmonies

Analogous

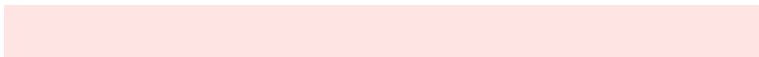
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.6080, 4.4000, 8.3680



236.0880, 11.7360, 7.5760



235.6600, 15.8170, 5.2010

Triad

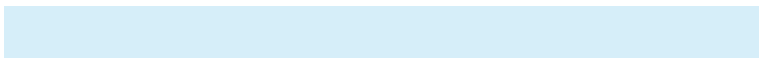
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.0880, 11.7360, 7.5760



232.9370, 4.3110, -6.5450



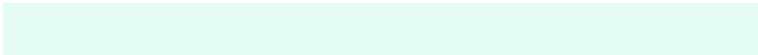
232.0780, -17.8350, -1.6670

Complementary

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



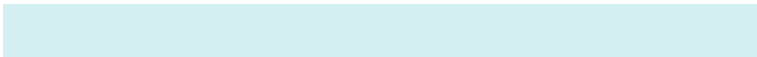
236.0880, 11.7360, 7.5760



243.9120, -11.7360, -7.5760

Split Complementary

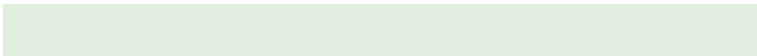
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.8560, -17.3300, -5.3140



236.0880, 11.7360, 7.5760



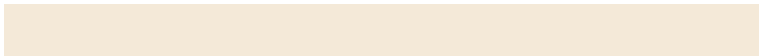
231.8050, -4.1250, -7.8450

Square

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



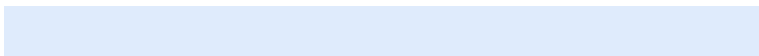
236.0880, 11.7360, 7.5760



234.3510, 12.0130, -2.9550



231.0260, -12.0570, -7.2650



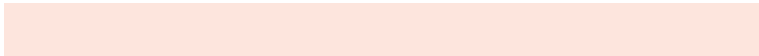
233.3500, -12.6090, 2.7430

Rectangle

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



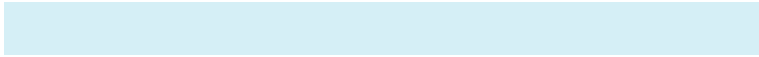
236.0880, 11.7360, 7.5760



235.2640, 16.8720, 2.6000



231.0260, -12.0570, -7.2650



232.0240, -17.7430, -3.3350

Sweetspot

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



236.0880, 11.7360, 7.5760



249.7340, 3.8050, 2.6290



235.5200, 1.8320, 10.8560



124.0220, 2.9340, 1.8940



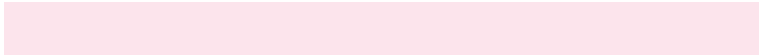
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

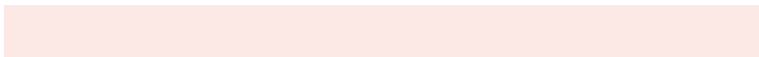
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.0880, 11.7360, 7.5760



236.3980, 13.7990, 8.7350



237.5240, 13.2040, 2.9960



116.4570, 6.1430, 4.3110



63.6930, 92.4210, 59.6610



20.5190, 29.9360, 19.1520

Inverse Universe

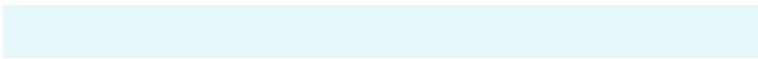
The Inverse Universe completely reimagines the original color for something new.



236.0880, 11.7360, 7.5760



236.3980, 13.7990, 8.7350



242.4760, -13.2040, -2.9960



116.4570, 6.1430, 4.3110



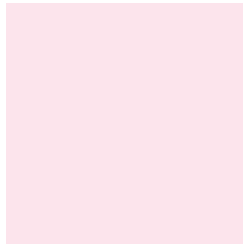
63.6930, 92.4210, 59.6610



20.5190, 29.9360, 19.1520

Previews

White Background



This preview shows how the YIQ color 236.0880, 11.7360, 7.5760 looks on a white background.

Color Contrast Check

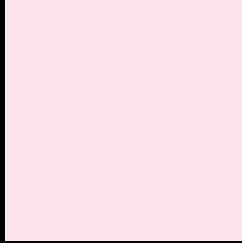
Large Text (above 18pt) WCAG AA × Fail

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 236.0880, 11.7360, 7.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

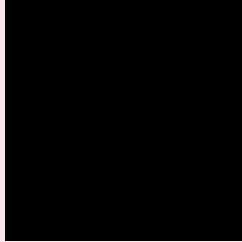
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.0880, 11.7360, 7.5760

Background



This preview shows how black text looks on a background with the YIQ color 236.0880, 11.7360, 7.5760.



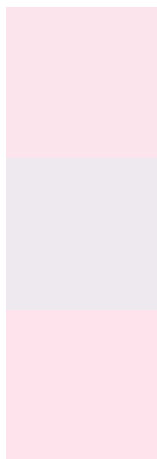
This preview shows how white text looks on a background with the YIQ color 236.0880, 11.7360,

7.5760.

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

236.0880, 11.7360, 7.5760

Protanopia

234.8800, 0.4580, 2.7140

Deuteranopia

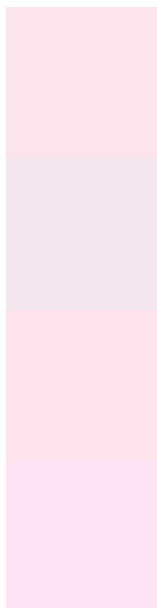
236.3980, 13.7990, 8.7350



Tritanopia

236.7120, 10.0390, 10.7990

Trichromacy



Original Color

236.0880, 11.7360, 7.5760

Protanomaly

235.0870, 4.3090, 4.5090

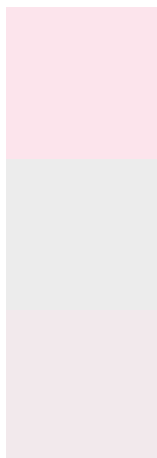
Deuteranomaly

236.0990, 13.2030, 8.5230

Tritanomaly

236.3700, 11.0020, 9.8660

Monochromacy



Original Color

236.0880, 11.7360, 7.5760

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.0880, 11.7360, 7.5760 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(252, 228, 236)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 236)  
}
```

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(252, 228, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 236) }
```

Border

The CSS property to change the border of an element to YIQ 236.0880, 11.7360, 7.5760 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(252, 228, 236) }
```


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

```
.border{ border-color:rgb(252, 228, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 228, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 236.0880, 11.7360, 7.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 236) }
```

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

```
.background{ background-color: rgb(252,  
228, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor