

Converting Colors

YIQ(235.5930, 8.7560, 6.5160)

Have a look what the booklet for
YIQ(235.5930, 8.7560, 6.5160)
contains.

YIQ(235.5930, 8.7560, 6.5160)	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(235.5930, 8.7560,
6.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E5ED
RGB	248, 229, 237
RGB Percent	97%, 90%, 93%
CMY	0.0274, 0.1020, 0.0706
CMYK	0.00, 0.08, 0.04, 0.03
HSL	335°, 58%, 94%
HSV	335°, 8%, 97%
XYZ	82.0202, 82.1079, 91.6518
YIQ	235.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

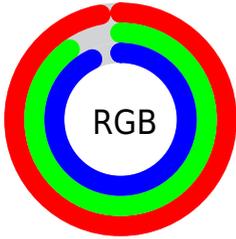
Format	Color
R _Y B	248, 229, 237
Decimal	16311789
CIE Lab	92.62, 7.83, -1.56
CIE LCh	93, 7.980, 348.738
Yxy	82.1079, 0.3207, 0.3210
Android (android.graphics.Color)	4294501869 (0xFF8E5ED)
YUV	235.5930, 0.6937, 10.8809
Hunter-Lab	90.6134, 2.9987, 3.4599

Details

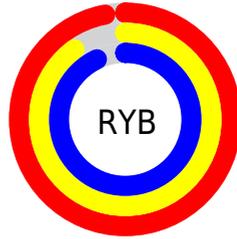
The YIQ color $235.5930, 8.7560, 6.5160$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.4070, -8.7560, -6.5160$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.1800, 8.4810, 5.9930$ is the 20% darker color. If you saturate the color by 10%, you get $219.3220, 20.1250, 15.2370$, and if you desaturate by 10%, it is $251.8640, -2.6130, -2.2050$.

Distribution



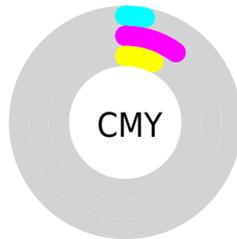
- Red (97%)
- Green (90%)
- Blue (93%)



- Red (97%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.5930, 8.7560, 6.5160 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 235.5930, 8.7560, 6.5160 by changing the saturation by 10% instead.

235.5930, 8.7560,
6.5160

235.5930, 8.7560,
6.5160

255.0000, -0.0000,
-0.0000

207.2940, 8.1600,
6.3040

180.1800, 8.4810,
5.9930

152.8810, 7.8850,
5.7810

126.8810, 7.8850,
5.7810

101.8810, 7.8850,
5.7810

78.1690, 7.0140,
5.0460

55.2830, 6.6930,

5.3570

■ 33.5710, 5.8220,
4.6220

■ 10.7070, 8.4350,
6.8270

■ 235.5930, 8.7560,
6.5160

■ 235.5930, 8.7560,
6.5160

■ 219.3220, 20.1250,
15.2370

■ 251.8640, -2.6130,
-2.2050

■ 202.9370, 31.8150,
23.6470

■ 252.9070, -4.1720,
-1.4840

■ 187.2530, 42.9090,
31.8450

■ 170.9820, 54.2780,
40.5660

■ 154.5970, 65.9680,
48.9760

■ 138.3260, 77.3370,
57.6970

■ 122.0550, 88.7060,
66.4180

■ 106.2570,
100.1210, 74.3050

■ 89.9860, 111.4900,
83.0260

Harmonies

Analogous

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



234.8850, 2.0620, 6.6860



235.5930, 8.7560, 6.5160



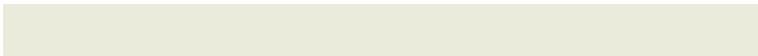
235.5780, 13.1120, 4.6640

Triad

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



235.5930, 8.7560, 6.5160



233.1760, 5.1360, -4.9760



231.9320, -14.4880, -1.7520

Complementary

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



235.5930, 8.7560, 6.5160



241.4070, -8.7560, -6.5160

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.



231.1230, -13.7080, -4.8760



235.5930, 8.7560, 6.5160



232.2290, -2.3830, -6.3750

Square

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



235.5930, 8.7560, 6.5160



233.8070, 10.7290, -1.7110



231.5210, -9.0770, -6.2050



233.0080, -11.6460, 1.8100

Rectangle

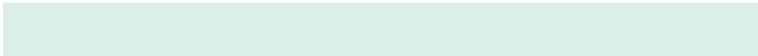
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.5930, 8.7560, 6.5160



235.2960, 13.8460, 2.3740



231.5210, -9.0770, -6.2050



231.9920, -14.7170, -3.1090

Sweetspot

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



235.5930, 8.7560, 6.5160



251.7230, 2.3380, 1.6820



234.4550, 0.4570, 8.2410



126.0110, 1.4670, 0.9470



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.



235.5930, 8.7560, 6.5160



240.0170, 10.4980, 7.9860



235.2680, 11.0490, 3.5050



116.5710, 5.8220, 4.6220



65.5170, 87.2850, 64.6370



21.2030, 28.0100, 21.0180

Inverse Universe

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



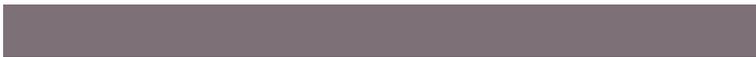
235.5930, 8.7560, 6.5160



240.0170, 10.4980, 7.9860



241.7320, -11.0490, -3.5050



116.5710, 5.8220, 4.6220



65.5170, 87.2850, 64.6370



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 235.5930, 8.7560, 6.5160 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 235.5930, 8.7560, 6.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

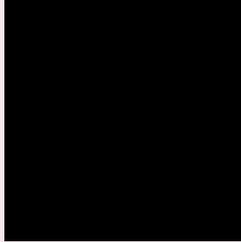
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.5930, 8.7560, 6.5160

Background



This preview shows how black text looks on a background with the YIQ color 235.5930, 8.7560, 6.5160.



This preview shows how white text looks on a background with the YIQ color 235.5930, 8.7560,

6.5160.

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

235.5930, 8.7560, 6.5160

Protanopia

234.5810, -0.1380, 2.5020

Deuteranopia

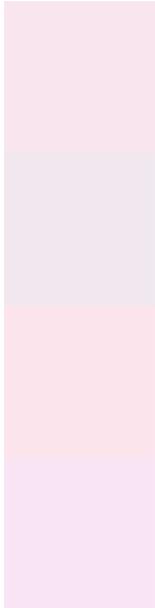
236.5120, 13.4780, 9.0460



Tritanopia

236.3310, 6.7380, 10.0500

Trichromacy



Original Color

235.5930, 8.7560, 6.5160

Protanomaly

235.0760, 2.8420, 3.5620

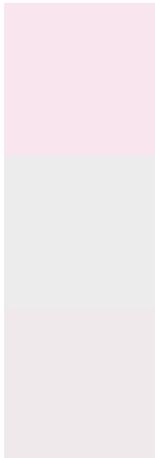
Deuteranomaly

236.2020, 11.4150, 7.8870

Tritanomaly

235.9890, 7.7010, 9.1170

Monochromacy



Original Color

235.5930, 8.7560, 6.5160

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.4350, 3.2090, 2.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.5930, 8.7560, 6.5160 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(248, 229, 237)` looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 237)  
}
```

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(248, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 237) }
```

Border

The CSS property to change the border of an element to YIQ 235.5930, 8.7560, 6.5160 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(248, 229, 237) }
```

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

```
.border{ border-color:rgb(248, 229, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 229, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 235.5930, 8.7560, 6.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 229, 237) }
```

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

```
.background{ background-color: rgb(248,  
229, 237) }
```

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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