

Converting Colors

YIQ(235.6630, 2.5670, 3.0390)

Have a look what the booklet for
YIQ(235.6630, 2.5670, 3.0390)
contains.

YIQ(235.6630, 2.5670, 3.0390)	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(235.6630, 2.5670,
3.0390)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E9EE
RGB	240, 233, 238
RGB Percent	94%, 91%, 93%
CMY	0.0588, 0.0863, 0.0667
CMYK	0.00, 0.03, 0.01, 0.06
HSL	317°, 19%, 93%
HSV	317°, 3%, 94%
XYZ	80.5078, 82.9755, 92.6628
YIQ	235.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

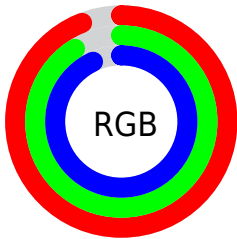
Format	Color
R _Y B	240, 233, 238
Decimal	15788526
CIE Lab	93.00, 3.24, -1.59
CIE LCh	93, 3.609, 333.811
Yxy	82.9755, 0.3143, 0.3239
Android (android.graphics.Color)	4293978606 (0xFFFF0E9EE)
YUV	235.6630, 1.1521, 3.8035
Hunter-Lab	91.0909, -1.6473, 3.4504

Details

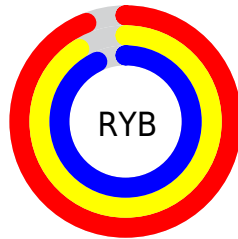
The YIQ color $235.6630, 2.5670, 3.0390$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.3370, -2.5670, -3.0390$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.6630, 2.5670, 3.0390$ is the 20% darker color. If you saturate the color by 10%, you get $220.7770, 11.4140, 13.4140$, and if you desaturate by 10%, it is $249.3750, -5.7300, -6.2900$.

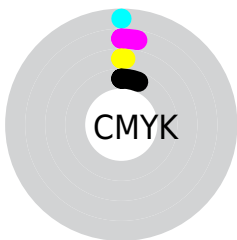
Distribution



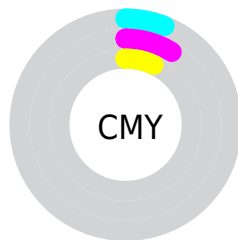
- Red (94%)
- Green (91%)
- Blue (93%)



- Red (94%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.6630, 2.5670, 3.0390 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 235.6630, 2.5670, 3.0390 by changing the saturation by 10% instead.

■ 235.6630, 2.5670,
3.0390

■ 235.6630, 2.5670,
3.0390

255.0000, -0.0000,
-0.0000

■ 207.6630, 2.5670,
3.0390

■ 179.6630, 2.5670,
3.0390

■ 153.2500, 2.2920,
2.5160

■ 127.2500, 2.2920,
2.5160

■ 102.2500, 2.2920,
2.5160

■ 78.2500, 2.2920,
2.5160

■ 55.2500, 2.2920,

2.5160

■ 33.9510, 1.6960,
2.3040

■ 11.6630, 2.5670,
3.0390

■ 235.6630, 2.5670,
3.0390

■ 235.6630, 2.5670,
3.0390

■ 220.7770, 11.4140,
13.4140

■ 249.3750, -5.7300,
-6.2900

■ 205.8910, 20.2610,
23.7890

■ 250.1730, -7.9770,
-4.1130

■ 191.0050, 29.1080,
34.1640

■ 250.5150, -8.9400,
-3.1800

■ 176.2330, 37.6340,
44.8500

■ 161.3470, 46.4810,
55.2250

■ 146.4610, 55.3280,
65.6000

■ 131.5750, 64.1750,
75.9750

■ 116.6890, 73.0220,
86.3500

■ 101.8030, 81.8690,
96.7250

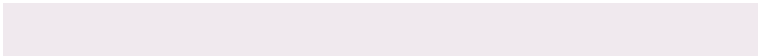
Harmonies

Analogous

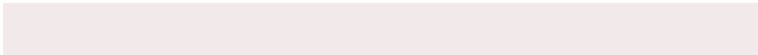
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.3960, -1.0550, 2.6010



235.6630, 2.5670, 3.0390



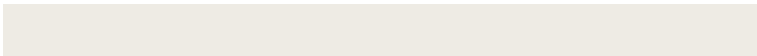
235.9190, 4.7220, 2.5300

Triad

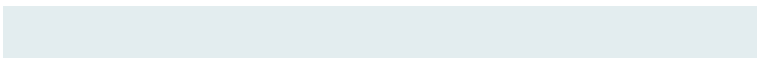
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6630, 2.5670, 3.0390



235.0990, 4.0350, -1.5410



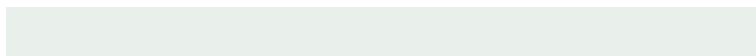
234.2380, -6.6020, -1.4980

Complementary

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



235.6630, 2.5670, 3.0390



237.3370, -2.5670, -3.0390

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.



233.7820, -5.3180, -2.7420



235.6630, 2.5670, 3.0390



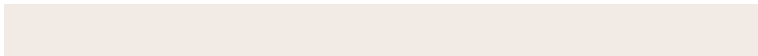
234.3050, 0.4590, -2.8130

Square

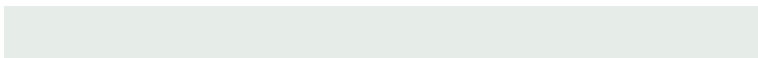
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.6630, 2.5670, 3.0390



235.5230, 5.7770, -0.0710



234.3370, -2.5670, -3.0390



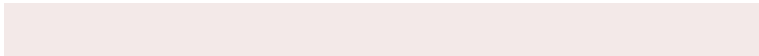
234.4770, -5.7770, 0.0710

Rectangle

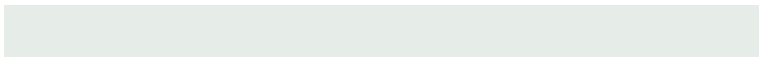
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



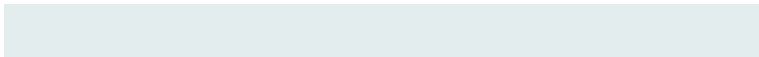
235.6630, 2.5670, 3.0390



235.8760, 6.2810, 1.8090



234.3370, -2.5670, -3.0390



234.1240, -6.2810, -1.8090

Sweetspot

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



235.6630, 2.5670, 3.0390



253.1250, 1.1460, 1.2580



234.3960, -1.0550, 2.6010



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

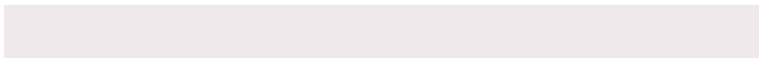
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6630, 2.5670, 3.0390



248.7880, 3.7130, 4.2970



235.3210, 3.5300, 2.1060



116.2500, 2.2920, 2.5160



69.9500, 67.6130, 79.7490



21.3040, 20.5360, 24.3120

Inverse Universe

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



235.6630, 2.5670, 3.0390



248.7880, 3.7130, 4.2970



237.6790, -3.5300, -2.1060



116.2500, 2.2920, 2.5160



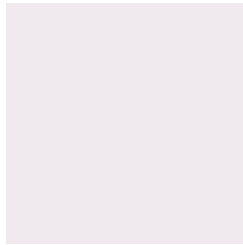
69.9500, 67.6130, 79.7490



21.3040, 20.5360, 24.3120

Previews

White Background



This preview shows how the YIQ color 235.6630, 2.5670, 3.0390 looks on a white background.

Color Contrast Check

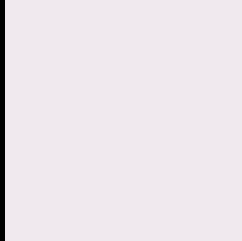
Large Text (above 18pt) WCAG AA × Fail

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 235.6630, 2.5670, 3.0390 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

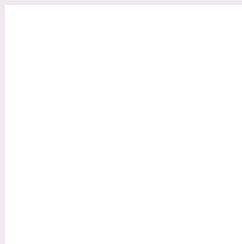
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.6630, 2.5670, 3.0390

Background



This preview shows how black text looks on a background with the YIQ color 235.6630, 2.5670, 3.0390.



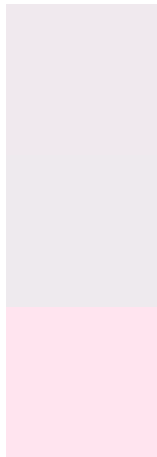
This preview shows how white text looks on a background with the YIQ color 235.6630, 2.5670,

3.0390.

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

235.6630, 2.5670, 3.0390

Protanopia

235.6520, 1.1000, 2.0920

Deuteranopia

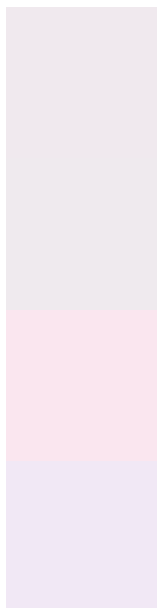
237.3270, 12.5610, 9.1450



Tritanopia

236.3410, 0.7780, 7.9300

Trichromacy



Original Color

235.6630, 2.5670, 3.0390

Protanomaly

235.9510, 1.6960, 2.3040

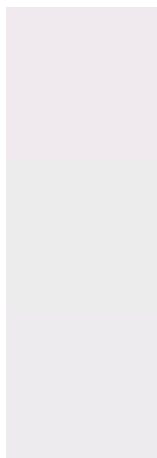
Deuteranomaly

237.0060, 9.0310, 7.0390

Tritanomaly

236.1730, 1.1910, 5.9510

Monochromacy



Original Color

235.6630, 2.5670, 3.0390

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.6630, 2.5670, 3.0390 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(240, 233, 238)` looks like.

```
.text, #text, p{  
    color:rgb(240, 233, 238)  
}
```

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(240, 233, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 233, 238) }
```

Border

The CSS property to change the border of an element to YIQ 235.6630, 2.5670, 3.0390 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(240, 233, 238) }
```


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

```
.border{ border-color:rgb(240, 233, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 233, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 233, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 233, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 233,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 235.6630, 2.5670, 3.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 233, 238) }
```

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

```
.background{ background-color: rgb(240,  
233, 238) }
```

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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