

Converting Colors

YIQ(235.5550, 2.7510, -0.2970)

Have a look what the booklet for
YIQ(235.5550, 2.7510, -0.2970)
contains.

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Color

**YIQ(235.5550, 2.7510,
-0.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEBE8
RGB	238, 235, 232
RGB Percent	93%, 92%, 91%
CMY	0.0667, 0.0784, 0.0902
CMYK	0.00, 0.01, 0.03, 0.07
HSL	30°, 15%, 92%
HSV	30°, 3%, 93%
XYZ	79.5343, 83.4197, 88.2562
YIQ	235.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

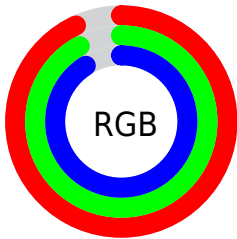
Format	Color
R _Y B	238, 238, 232
Decimal	15657960
CIE Lab	93.20, 0.49, 1.80
CIE LCh	93, 1.860, 74.823
Yxy	83.4197, 0.3166, 0.3321
Android (android.graphics.Color)	4293848040 (0xFFEEEEBE8)
YUV	235.5550, -1.7526, 2.1443
Hunter-Lab	91.3344, -4.3968, 6.6423

Details

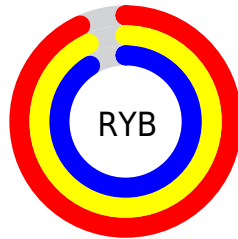
The YIQ color $235.5550, 2.7510, -0.2970$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.4450, -2.7510, 0.2970$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.5550, 2.7510, -0.2970$ is the 20% darker color. If you saturate the color by 10%, you get $225.7750, 13.7550, -1.4850$, and if you desaturate by 10%, it is $245.2210, -7.9320, 0.5800$.

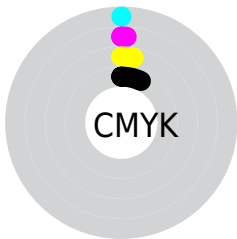
Distribution



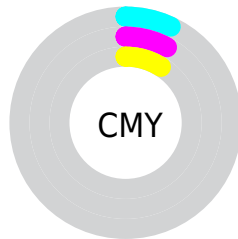
- Red (93%)
- Green (92%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.5550, 2.7510, -0.2970 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 235.5550, 2.7510, -0.2970 by changing the saturation by 10% instead.

■ 235.5550, 2.7510,
-0.2970

■ 235.5550, 2.7510,
-0.2970

255.0000, -0.0000,
-0.0000

■ 207.5550, 2.7510,
-0.2970

■ 179.5550, 2.7510,
-0.2970

■ 153.2560, 2.1550,
-0.5090

■ 127.2560, 2.1550,
-0.5090

■ 102.2560, 2.1550,
-0.5090

■ 78.2560, 2.1550,
-0.5090

■ 55.3700, 1.8340,

-0.1980

■ 34.2560, 2.1550,
-0.5090

■ 11.4410, 3.0720,
-0.6080

■ 235.5550, 2.7510,
-0.2970

■ 235.5550, 2.7510,
-0.2970

■ 225.7750, 13.7550,
-1.4850

■ 245.2210, -7.9320,
0.5800

■ 215.9950, 24.7590,
-2.6730

■ 249.9170,
-10.1320, -3.6040

■ 206.3290, 35.4420,
-3.5500

■ 196.5490, 46.4460,
-4.7380

■ 187.3560, 57.1750,
-6.4490

■ 177.5760, 68.1790,
-7.6370

■ 167.7960, 79.1830,
-8.8250

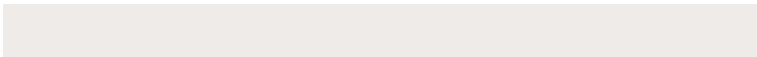
■ 158.1300, 89.8660,
-9.7020

■ 148.3500,
100.8700, -10.8900

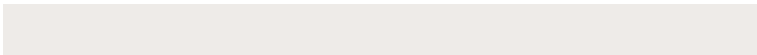
Harmonies

Analogous

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



235.9680, 3.0260, 0.2260



235.5550, 2.7510, -0.2970



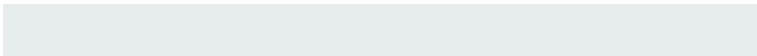
235.5440, 1.2840, -1.2440

Triad

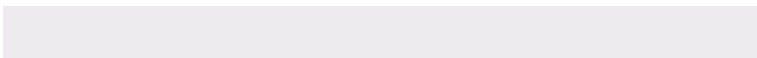
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.5550, 2.7510, -0.2970



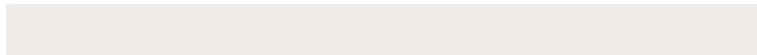
235.0920, -3.2550, -1.5830



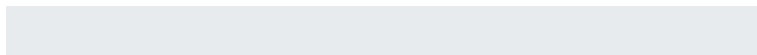
235.9400, 0.2290, 1.3570

Complementary

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



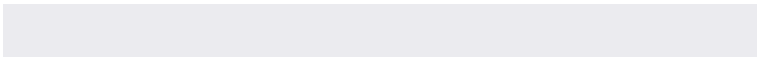
235.5550, 2.7510, -0.2970



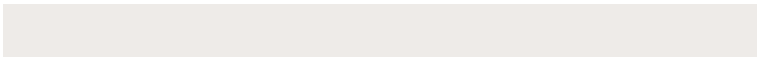
234.4450, -2.7510, 0.2970

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.



235.4560, -1.2840, 1.2440



235.5550, 2.7510, -0.2970



235.0320, -3.0260, -0.2260

Square

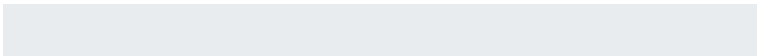
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



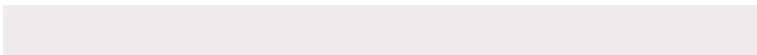
235.5550, 2.7510, -0.2970



234.5760, -1.7420, -1.4700



235.4450, -2.7510, 0.2970



235.7230, 2.3380, 1.6820

Rectangle

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



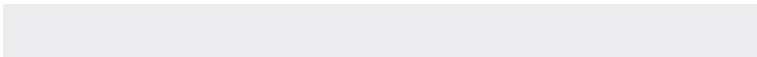
235.5550, 2.7510, -0.2970



235.2450, 0.6880, -1.4560



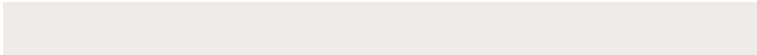
235.4450, -2.7510, 0.2970



235.6410, -0.3670, 1.1450

Sweetspot

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



235.5550, 2.7510, -0.2970



254.0710, 1.2380, -0.4100



234.1360, 2.6130, 2.2050



127.1850, 0.9170, -0.0990



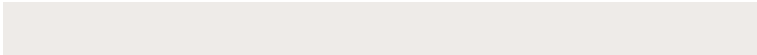
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



235.5550, 2.7510, -0.2970



251.7400, 3.6680, -0.3960



237.3160, 1.9260, -1.8660



117.6690, 2.4300, 0.0140



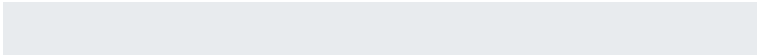
109.0200, 84.3640, -9.1080



33.1800, 25.6760, -2.7720

Inverse Universe

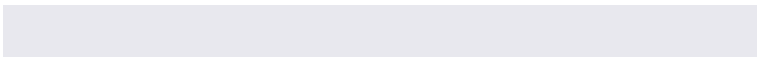
The Inverse Universe completely reimagines the original color for something new.



234.4450, -2.7510, 0.2970



250.2600, -3.6680, 0.3960



232.6840, -1.9260, 1.8660



116.7440, -2.1550, 0.5090



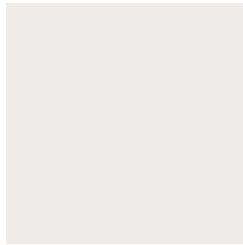
74.9800, -84.3640, 9.1080



22.8200, -25.6760, 2.7720

Previews

White Background



This preview shows how the YIQ color 235.5550, 2.7510, -0.2970 looks on a white background.

Color Contrast Check

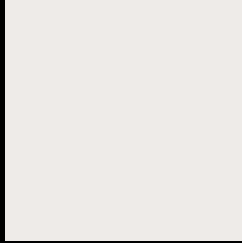
Large Text (above 18pt) WCAG AA × Fail

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 235.5550, 2.7510, -0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

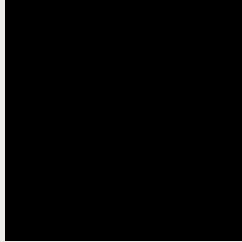
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

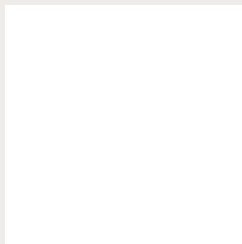
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.5550, 2.7510, -0.2970

Background



This preview shows how black text looks on a background with the YIQ color 235.5550, 2.7510, -0.2970.



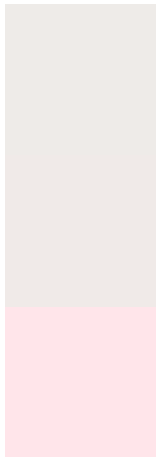
This preview shows how white text looks on a background with the YIQ color 235.5550, 2.7510,

-0.2970.

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

235.5550, 2.7510, -0.2970

Protanopia

235.5660, 4.2180, 0.6500

Deuteranopia

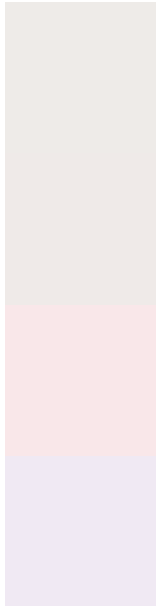
237.3440, 13.8910, 7.0670



Tritanopia

236.7430, -0.4140, 7.5060

Trichromacy



Original Color

235.5550, 2.7510, -0.2970

Protanomaly

235.2670, 3.6220, 0.4380

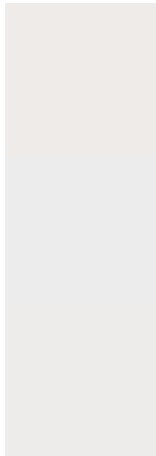
Deuteranomaly

236.6100, 10.0860, 4.4380

Tritanomaly

236.2330, 0.9620, 4.5940

Monochromacy



Original Color

235.5550, 2.7510, -0.2970

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.5550, 2.7510, -0.2970 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(238, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(238, 235, 232)  
}
```

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(238, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 235, 232) }
```

Border

The CSS property to change the border of an element to YIQ 235.5550, 2.7510, -0.2970 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(238, 235, 232) }
```


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

```
.border{ border-color:rgb(238, 235, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(238, 235,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 235.5550, 2.7510, -0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 235, 232) }
```

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

```
.background{ background-color: rgb(238,  
235, 232) }
```

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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