

Converting Colors

YIQ(236.5770, 5.6850, 1.5970)

Have a look what the booklet for
YIQ(236.5770, 5.6850, 1.5970)
contains.

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Color

**YIQ(236.5770, 5.6850,
1.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EAE9
RGB	243, 234, 233
RGB Percent	95%, 92%, 91%
CMY	0.0470, 0.0823, 0.0862
CMYK	0.00, 0.04, 0.04, 0.05
HSL	6°, 29%, 93%
HSV	6°, 4%, 95%
XYZ	81.0945, 83.7826, 88.9928
YIQ	236.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

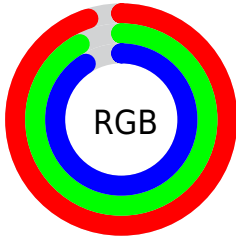
Format	Color
R_{YB}	243, 234, 233
Decimal	15985385
CIE Lab	93.36, 2.87, 1.55
CIE LCh	93, 3.259, 28.411
Yxy	83.7826, 0.3194, 0.3300
Android (android.graphics.Color)	4294175465 (0xFF3EAE9)
YUV	236.5770, -1.7635, 5.6330
Hunter-Lab	91.5329, -2.0385, 6.4283

Details

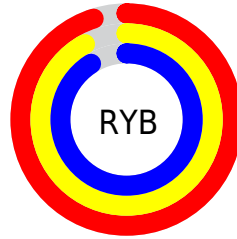
The YIQ color $236.5770, 5.6850, 1.5970$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.4230, -5.6850, -1.5970$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.5770, 5.6850, 1.5970$ is the 20% darker color. If you saturate the color by 10%, you get $220.9270, 19.4390, 5.6390$, and if you desaturate by 10%, it is $251.4120, -7.1520, -2.5440$.

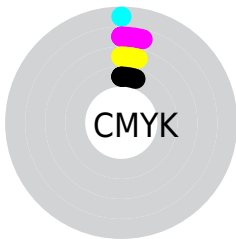
Distribution



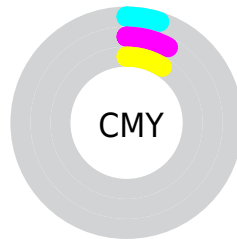
- Red (95%)
- Green (92%)
- Blue (91%)



- Red (95%)
- Yellow (92%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.5770, 5.6850, 1.5970 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 236.5770, 5.6850, 1.5970 by changing the saturation by 10% instead.

236.5770, 5.6850,
1.5970

236.5770, 5.6850,
1.5970

255.0000, -0.0000,
-0.0000

208.5770, 5.6850,
1.5970

180.5770, 5.6850,
1.5970

154.2780, 5.0890,
1.3850

128.2780, 5.0890,
1.3850

102.9790, 4.4930,
1.1730

78.9790, 4.4930,
1.1730

55.9790, 4.4930,

1.1730

■ 34.6800, 3.8970,
0.9610

■ 12.5770, 5.6850,
1.5970

■ 236.5770, 5.6850,
1.5970

■ 236.5770, 5.6850,
1.5970

■ 220.9270, 19.4390,
5.6390

■ 251.4120, -7.1520,
-2.5440

■ 205.1630, 33.5140,
9.3700

■ 189.5130, 47.2680,
13.4120

■ 173.8630, 61.0220,
17.4540

■ 158.8000, 74.5010,
20.9730

■ 143.0360, 88.5760,
24.7040

■ 127.3860,
102.3300, 28.7460

■ 111.7360,
116.0840, 32.7880

■ 95.9720, 130.1590,
36.5190

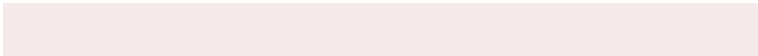
Harmonies

Analogous

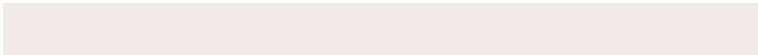
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.6200, 4.1260, 2.3180



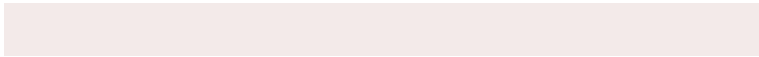
236.5770, 5.6850, 1.5970



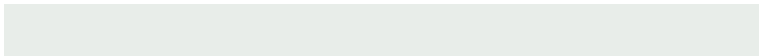
236.6370, 5.4560, 0.2400

Triad

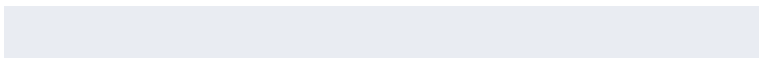
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.5770, 5.6850, 1.5970



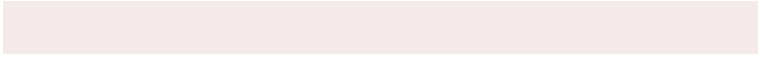
235.0490, -1.6960, -2.3040



235.7870, -3.7140, 1.2300

Complementary

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



236.5770, 5.6850, 1.5970



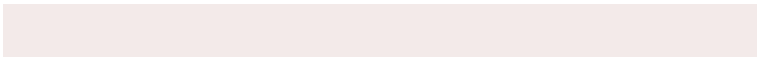
239.4230, -5.6850, -1.5970

Split Complementary

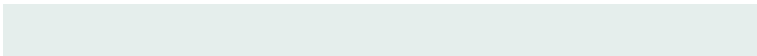
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.3630, -5.4560, -0.2400



236.5770, 5.6850, 1.5970



235.0810, -4.7220, -2.5300

Square

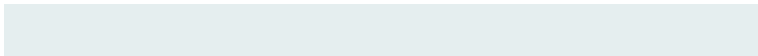
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



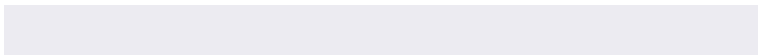
236.5770, 5.6850, 1.5970



235.6040, 1.0550, -2.6010



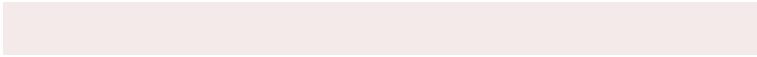
235.4230, -5.6850, -1.5970



235.9830, -1.3300, 2.0780

Rectangle

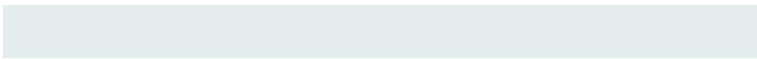
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



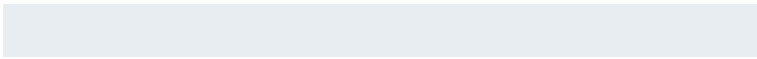
236.5770, 5.6850, 1.5970



235.9250, 4.5850, -0.4950



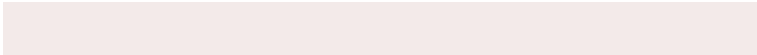
235.4230, -5.6850, -1.5970



236.0750, -4.5850, 0.4950

Sweetspot

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



236.5770, 5.6850, 1.5970



253.4840, 1.5130, 0.1130



237.0160, 3.0710, 4.9190



126.5980, 1.1920, 0.4240



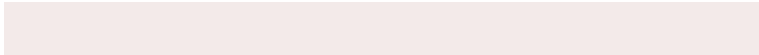
0.0000, 0.0000, 0.0000



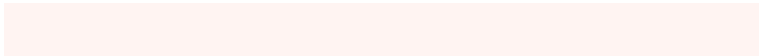
128.0000, -0.0000, -0.0000

Same Dimension

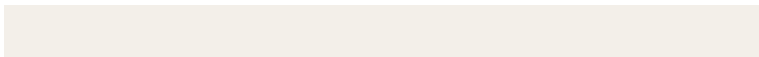
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.5770, 5.6850, 1.5970



247.0610, 7.1980, 1.7100



239.5120, 4.3100, -1.0180



117.6800, 3.8970, 0.9610



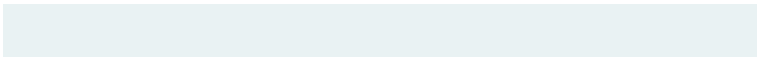
66.7670, 105.6310, 29.4950



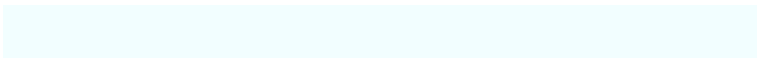
21.1630, 33.5140, 9.3700

Inverse Universe

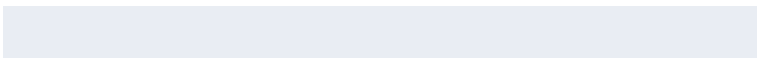
The Inverse Universe completely reimagines the original color for something new.



239.4230, -5.6850, -1.5970



250.5260, -7.4730, -2.2330



236.4880, -4.3100, 1.0180



119.9070, -4.1720, -1.4840



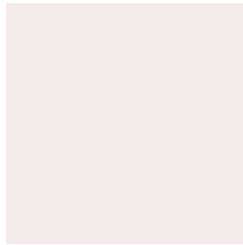
119.8200, -105.9060, -30.0180



37.8370, -33.5140, -9.3700

Previews

White Background



This preview shows how the YIQ color 236.5770, 5.6850, 1.5970 looks on a white background.

Color Contrast Check

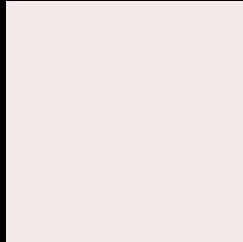
Large Text (above 18pt) WCAG AA × Fail

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 236.5770, 5.6850, 1.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

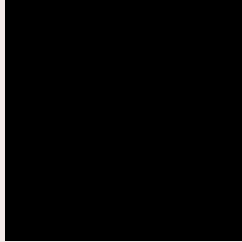
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

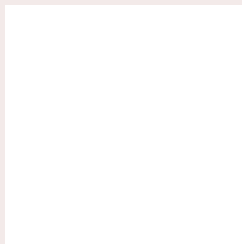
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.5770, 5.6850, 1.5970

Background



This preview shows how black text looks on a background with the YIQ color 236.5770, 5.6850, 1.5970.



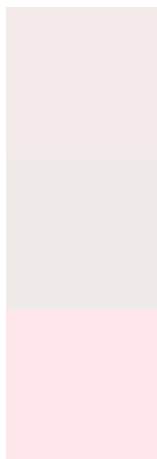
This preview shows how white text looks on a background with the YIQ color 236.5770, 5.6850,

1.5970.

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

236.5770, 5.6850, 1.5970

Protanopia

236.2670, 3.6220, 0.4380

Deuteranopia

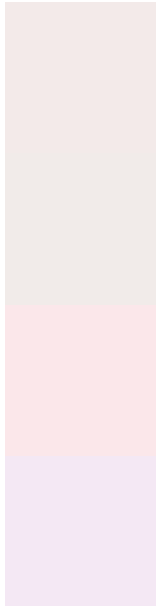
237.9310, 13.6160, 6.5440



Tritanopia

237.3520, 2.2450, 8.8770

Trichromacy



Original Color

236.5770, 5.6850, 1.5970

Protanomaly

236.5660, 4.2180, 0.6500

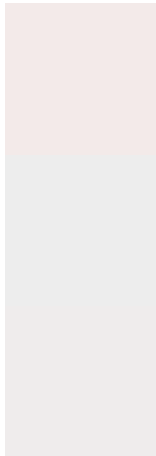
Deuteranomaly

237.3220, 10.9570, 5.1730

Tritanomaly

236.9560, 3.3000, 6.2760

Monochromacy



Original Color

236.5770, 5.6850, 1.5970

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.8970, 1.7880, 0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.5770, 5.6850, 1.5970 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(243, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 233)  
}
```

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(243, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 233) }
```

Border

The CSS property to change the border of an element to YIQ 236.5770, 5.6850, 1.5970 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(243, 234, 233) }
```


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

```
.border{ border-color:rgb(243, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 236.5770, 5.6850, 1.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 233) }
```

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

```
.background{ background-color: rgb(243,  
234, 233) }
```

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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