

Converting Colors

YIQ(235.3210, 3.5300, 2.1060)

Have a look what the booklet for
YIQ(235.3210, 3.5300, 2.1060)
contains.

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Color

**YIQ(235.3210, 3.5300,
2.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E9EB
RGB	240, 233, 235
RGB Percent	94%, 91%, 92%
CMY	0.0588, 0.0863, 0.0784
CMYK	0.00, 0.03, 0.02, 0.06
HSL	343°, 19%, 93%
HSV	343°, 3%, 94%
XYZ	80.0707, 82.8006, 90.3616
YIQ	235.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

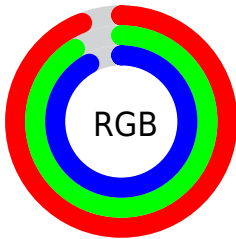
Format	Color
R _Y B	240, 233, 235
Decimal	15788523
CIE Lab	92.93, 2.71, -0.14
CIE LCh	93, 2.715, 356.984
Yxy	82.8006, 0.3162, 0.3270
Android (android.graphics.Color)	4293978603 (0xFFFF0E9EB)
YUV	235.3210, -0.1583, 4.1035
Hunter-Lab	90.9948, -2.1703, 4.8190

Details

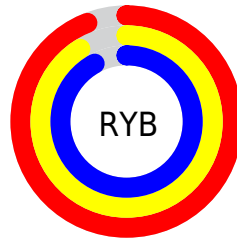
The YIQ color **235.3210, 3.5300, 2.1060** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237.6790, -3.5300, -2.1060**, and the grayscale version is **235.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **179.3210, 3.5300, 2.1060** is the 20% darker color. If you saturate the color by 10%, you get **219.2950, 15.5870, 9.3710**, and if you desaturate by 10%, it is **250.1730, -7.9770, -4.1130**.

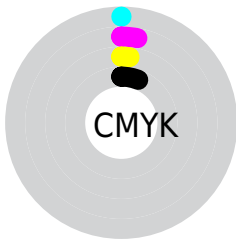
Distribution



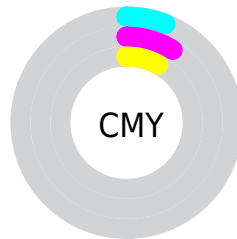
- Red (94%)
- Green (91%)
- Blue (92%)



- Red (94%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.3210, 3.5300, 2.1060 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 235.3210, 3.5300, 2.1060 by changing the saturation by 10% instead.

■ 235.3210, 3.5300,
2.1060

■ 235.3210, 3.5300,
2.1060

255.0000, -0.0000,
-0.0000

■ 207.3210, 3.5300,
2.1060

■ 179.3210, 3.5300,
2.1060

■ 153.0220, 2.9340,
1.8940

■ 127.0220, 2.9340,
1.8940

■ 102.0220, 2.9340,
1.8940

■ 78.0220, 2.9340,
1.8940

■ 55.0220, 2.9340,

1.8940

■ 33.7230, 2.3380,
1.6820

■ 11.3210, 3.5300,
2.1060

■ 235.3210, 3.5300,
2.1060

■ 235.3210, 3.5300,
2.1060

■ 219.2950, 15.5870,
9.3710

■ 250.1730, -7.9770,
-4.1130

■ 203.2690, 27.6440,
16.6360

■ 250.5150, -8.9400,
-3.1800

■ 187.2430, 39.7010,
23.9010

■ 171.1030, 52.0790,
30.8550

■ 155.0770, 64.1360,
38.1200

■ 139.0510, 76.1930,
45.3850

■ 123.0250, 88.2500,
52.6500

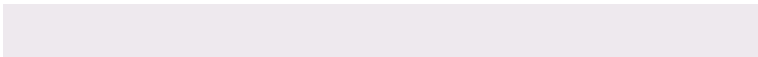
■ 106.9990,
100.3070, 59.9150

■ 90.9730, 112.3640,
67.1800

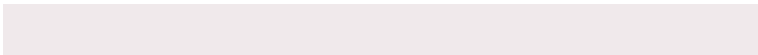
Harmonies

Analogous

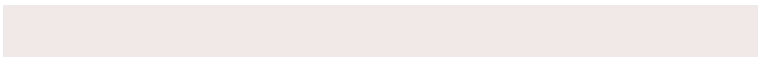
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.0650, 1.3750, 2.6150



235.3210, 3.5300, 2.1060



235.2780, 5.0890, 1.3850

Triad

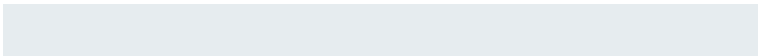
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.3210, 3.5300, 2.1060



234.1310, 1.0090, -1.7670



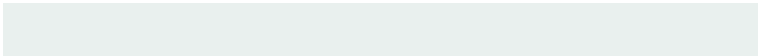
234.5480, -4.5390, -0.3390

Complementary

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



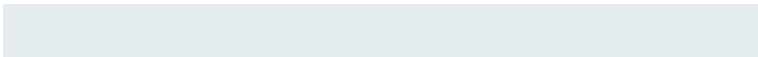
235.3210, 3.5300, 2.1060



237.6790, -3.5300, -2.1060

Split Complementary

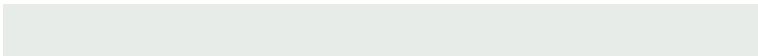
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.0210, -4.4930, -1.1730



235.3210, 3.5300, 2.1060



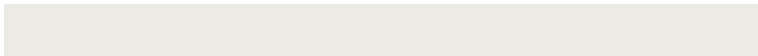
234.0490, -1.6960, -2.3040

Square

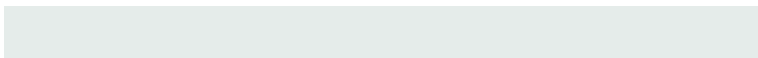
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



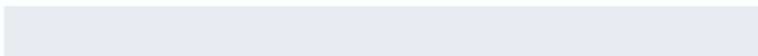
235.3210, 3.5300, 2.1060



234.3270, 3.3930, -0.9190



233.6790, -3.5300, -2.1060



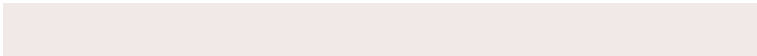
234.6730, -3.3930, 0.9190

Rectangle

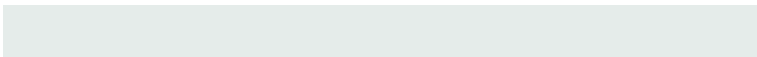
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.3210, 3.5300, 2.1060



234.8650, 4.8140, 0.8620



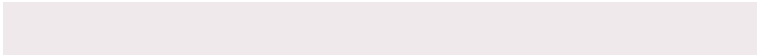
233.6790, -3.5300, -2.1060



234.1350, -4.8140, -0.8620

Sweetspot

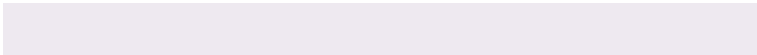
The Sweet Spot groups the original color and five complimentary colors.



235.3210, 3.5300, 2.1060



253.0110, 1.4670, 0.9470



235.2930, 0.7330, 3.2370



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

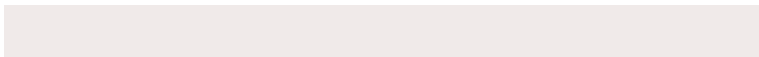
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.3210, 3.5300, 2.1060



248.3320, 4.9970, 3.0530



235.6800, 3.8970, 0.9610



116.0220, 2.9340, 1.8940



60.9440, 92.9720, 55.1800



18.5680, 28.2400, 16.8480

Inverse Universe

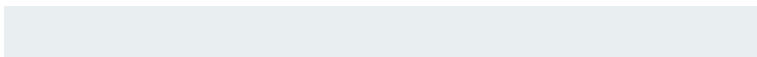
The Inverse Universe completely reimagines the original color for something new.



235.3210, 3.5300, 2.1060



248.3320, 4.9970, 3.0530



237.3200, -3.8970, -0.9610



116.0220, 2.9340, 1.8940



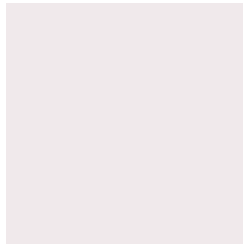
60.9440, 92.9720, 55.1800



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 235.3210, 3.5300, 2.1060 looks on a white background.

Color Contrast Check

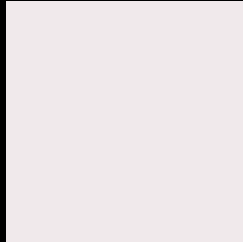
Large Text (above 18pt) WCAG AA × Fail

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 235.3210, 3.5300, 2.1060 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

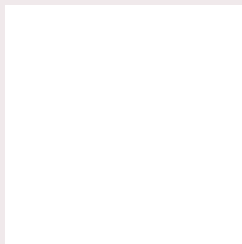
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.3210, 3.5300, 2.1060

Background



This preview shows how black text looks on a background with the YIQ color 235.3210, 3.5300, 2.1060.



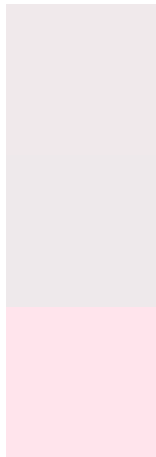
This preview shows how white text looks on a background with the YIQ color 235.3210, 3.5300,

2.1060.

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

235.3210, 3.5300, 2.1060

Protanopia

234.7230, 2.3380, 1.6820

Deuteranopia

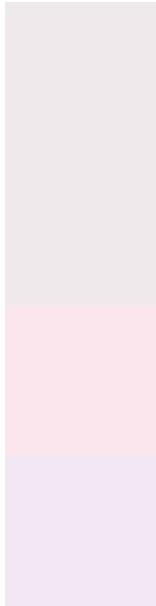
236.9850, 13.5240, 8.2120



Tritanopia

236.3410, 0.7780, 7.9300

Trichromacy



Original Color

235.3210, 3.5300, 2.1060

Protanomaly

235.0220, 2.9340, 1.8940

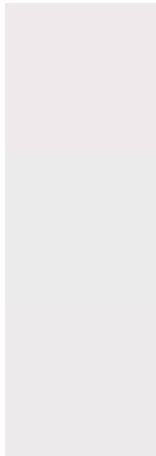
Deuteranomaly

236.6640, 9.9940, 6.1060

Tritanomaly

236.0590, 1.5120, 5.6400

Monochromacy



Original Color

235.3210, 3.5300, 2.1060

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.3210, 3.5300, 2.1060 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(240, 233, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 233, 235) }
```

Border

The CSS property to change the border of an element to YIQ 235.3210, 3.5300, 2.1060 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, 235) }
```


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

```
.border{ border-color:rgb(240, 233, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 233,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 235.3210, 3.5300, 2.1060 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, 235) }
```

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

```
.background{ background-color: rgb(240,  
233, 235) }
```

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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