

Converting Colors

YIQ(235.2190, 3.5770, -4.2550)

Have a look what the booklet for
YIQ(235.2190, 3.5770, -4.2550)
contains.

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Color

**YIQ(235.2190, 3.5770,
-4.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEDE0
RGB	236, 237, 224
RGB Percent	93%, 93%, 88%
CMY	0.0745, 0.0706, 0.1215
CMYK	0.00, 0.00, 0.05, 0.07
HSL	65°, 27%, 90%
HSV	65°, 5%, 93%
XYZ	78.3309, 83.7832, 82.5687
YIQ	235.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

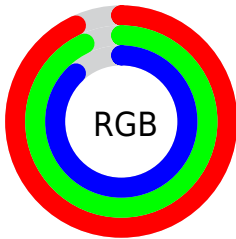
Format	Color
RYB	224, 237, 225
Decimal	15527392
CIELab	93.36, -2.58, 6.16
CIELCh	93, 6.683, 112.747
Yxy	83.7832, 0.3201, 0.3424
Android (android.graphics.Color)	4293717472 (0xFFECEDE0)
YUV	235.2190, -5.5310, 0.6849
Hunter-Lab	91.5331, -7.4289, 10.5899

Details

The YIQ color $235.2190, 3.5770, -4.2550$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $225.7810, -3.5770, 4.2550$, 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 $179.3330, 3.2560, -3.9440$ is the 20% darker color. If you saturate the color by 10%, you get $231.8850, 10.0890, -12.1430$, and if you desaturate by 10%, it is $238.5530, -2.9350, 3.6330$.

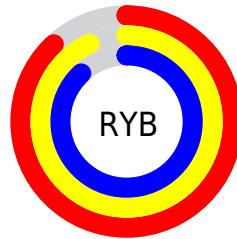
Distribution



Red (93%)

Green (93%)

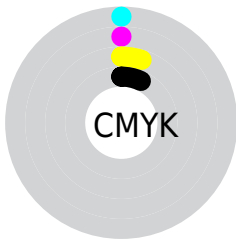
Blue (88%)



Red (88%)

Yellow (93%)

Blue (88%)

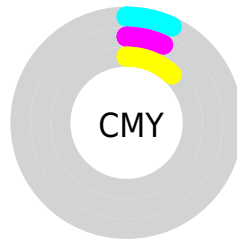


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.2190, 3.5770, -4.2550 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 235.2190, 3.5770, -4.2550 by changing the saturation by 10% instead.

■ 235.2190, 3.5770,
-4.2550

■ 235.2190, 3.5770,
-4.2550

255.0000, -0.0000,
-0.0000

■ 207.2190, 3.5770,
-4.2550

■ 179.3330, 3.2560,
-3.9440

■ 152.3330, 3.2560,
-3.9440

■ 126.4470, 2.9350,
-3.6330

■ 101.4470, 2.9350,
-3.6330

■ 77.5610, 2.6140,
-3.3220

■ 55.4470, 2.9350,

-3.6330

■ 33.6750, 2.2930,
-3.0110

■ 11.2190, 3.5770,
-4.2550

■ 235.2190, 3.5770,
-4.2550

■ 235.2190, 3.5770,
-4.2550

■ 231.8850, 10.0890,
-12.1430

■ 238.5530, -2.9350,
3.6330

■ 228.6650, 16.2800,
-19.7200

■ 239.9490, -3.9900,
6.2340

■ 225.3310, 22.7920,
-27.6080

■ 240.5470, -2.7980,
6.6580

■ 222.2960, 29.9000,
-35.2840

■ 240.8460, -2.2020,
6.8700

■ 219.0760, 36.0910,
-42.8610

■ 241.4440, -1.0100,
7.2940

■ 215.7420, 42.6030,
-50.7490

■ 242.0420, 0.1820,
7.7180

■ 212.4080, 49.1150,
-58.6370

■ 242.6400, 1.3740,
8.1420

■ 209.0740, 55.6270,
-66.5250

■ 243.2380, 2.5660,
8.5660

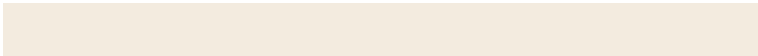
■ 205.8540, 61.8180,
-74.1020

■ 243.8360, 3.7580,
8.9900

Harmonies

Analogous

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



236.0240, 8.6200, -2.0360



235.2190, 3.5770, -4.2550



234.7560, -2.4290, -5.5410

Triad

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



235.2190, 3.5770, -4.2550



234.7150, -12.3790, -1.4270



237.4680, 7.6100, 5.2580

Complementary

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



235.2190, 3.5770, -4.2550



225.7810, -3.5770, 4.2550

Split Complementary

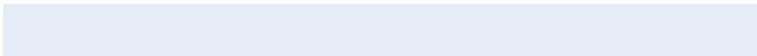
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.2440, 2.4290, 5.5410



235.2190, 3.5770, -4.2550



235.5630, -8.8950, 1.5130

Square

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



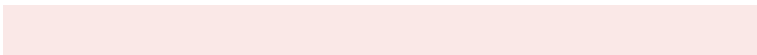
235.2190, 3.5770, -4.2550



234.1340, -12.2410, -3.9290



236.4820, -4.1730, 4.0430



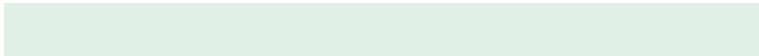
237.2680, 11.0490, 3.5050

Rectangle

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



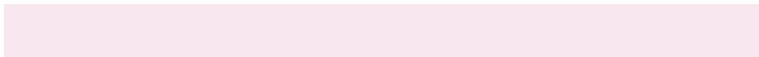
235.2190, 3.5770, -4.2550



234.3040, -6.9680, -5.8800



236.4820, -4.1730, 4.0430



237.3970, 6.3720, 5.6680

Sweetspot

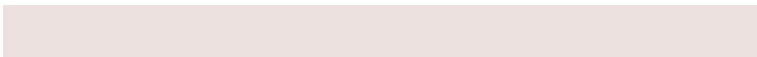
The Sweet Spot groups the original color and five complimentary colors.



235.2190, 3.5770, -4.2550



254.4300, 1.6050, -1.5550



228.4740, 7.4730, 2.2330



127.3590, 0.3670, -1.1450



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

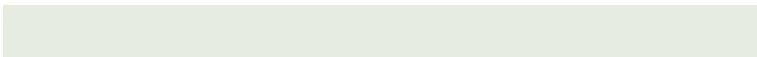
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.2190, 3.5770, -4.2550



252.6490, 5.1820, -5.8100



233.4250, 0.0010, -5.5270



115.9740, 2.8890, -2.7990



156.1800, 49.7570, -59.2590



46.3490, 14.3540, -17.8540

Inverse Universe

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



225.7810, -3.5770, 4.2550



239.6500, -4.5860, 6.0220



227.5750, -0.0010, 5.5270



109.3250, -2.2930, 3.0110



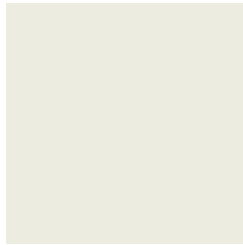
24.8200, -49.7570, 59.2590



7.3520, -14.9500, 17.6420

Previews

White Background



This preview shows how the YIQ color 235.2190, 3.5770, -4.2550 looks on a white background.

Color Contrast Check

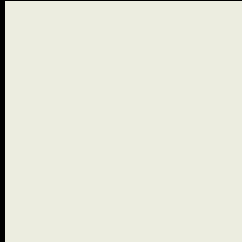
Large Text (above 18pt) WCAG AA × Fail

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 235.2190, 3.5770, -4.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

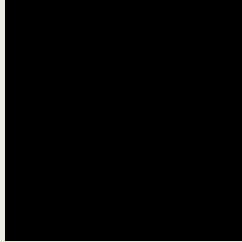
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

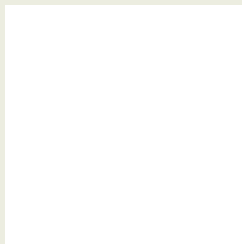
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.2190, 3.5770, -4.2550

Background



This preview shows how black text looks on a background with the YIQ color 235.2190, 3.5770, -4.2550.



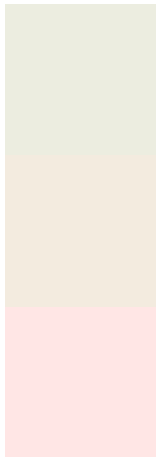
This preview shows how white text looks on a background with the YIQ color 235.2190, 3.5770,

-4.2550.

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

235.2190, 3.5770, -4.2550

Protanopia

236.0240, 8.6200, -2.0360

Deuteranopia

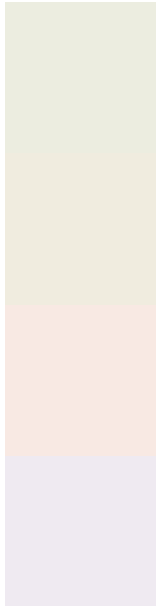
237.3610, 15.2210, 4.9890



Tritanopia

237.1450, -1.6060, 7.0820

Trichromacy



Original Color

235.2190, 3.5770, -4.2550

Protanomaly

235.7140, 6.5570, -3.1950

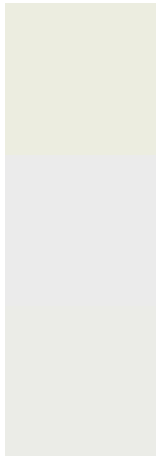
Deuteranomaly

236.8010, 10.8660, 1.3140

Tritanomaly

236.2930, 0.7330, 3.2370

Monochromacy



Original Color

235.2190, 3.5770, -4.2550

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.2190, 3.5770, -4.2550 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(236, 237, 224)` looks like.

```
.text, #text, p{  
    color:rgb(236, 237, 224)  
}
```

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(236, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 237, 224) }
```

Border

The CSS property to change the border of an element to YIQ 235.2190, 3.5770, -4.2550 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(236, 237, 224) }
```


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

```
.border{ border-color:rgb(236, 237, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 237, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(236, 237,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 235.2190, 3.5770, -4.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 237, 224) }
```

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

```
.background{ background-color: rgb(236,  
237, 224) }
```

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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