

Converting Colors

YUV(235.6350, 0.1799,
-11.0809)

Have a look what the booklet for
YUV(235.6350, 0.1799, -11.0809)
contains.

YUV(235.6350, 0.1799, -11.0809)	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

**YUV(235.6350, 0.1799,
-11.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF2EC
RGB	223, 242, 236
RGB Percent	87%, 95%, 93%
CMY	0.1255, 0.0510, 0.0745
CMYK	0.08, 0.00, 0.02, 0.05
HSL	161°, 42%, 91%
HSV	161°, 8%, 95%
XYZ	77.3239, 85.2484, 91.7361
YIQ	235.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

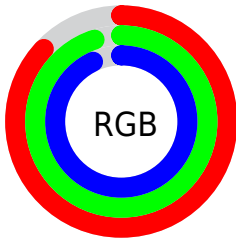
Format	Color
R _Y B	223, 234, 242
Decimal	14676716
CIE Lab	93.99, -7.33, 0.74
CIE LCh	94, 7.371, 174.224
Yxy	85.2484, 0.3041, 0.3352
Android (android.graphics.Color)	4292866796 (0xFFDFF2EC)
YUV	235.6350, 0.1799, -11.0809
Hunter-Lab	92.3300, -12.0887, 5.7225

Details

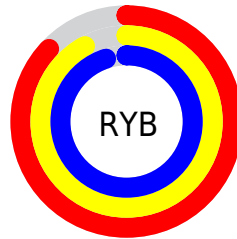
The YUV color $235.6350, 0.1799, -11.0809$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.3650, -0.1799, 11.0809$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.9340, 0.0325, -10.4661$ is the 20% darker color. If you saturate the color by 10%, you get $227.5470, 0.2233, -25.0357$, and if you desaturate by 10%, it is $243.7230, 0.1366, 2.8739$.

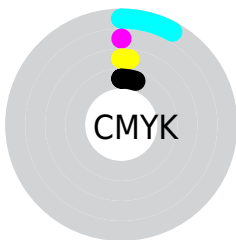
Distribution



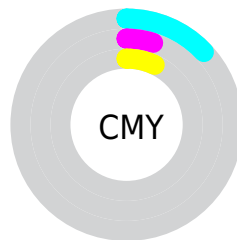
- Red (87%)
- Green (95%)
- Blue (93%)



- Red (87%)
- Yellow (92%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.6350, 0.1799, -11.0809 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 YUV color 235.6350, 0.1799, -11.0809 by changing the saturation by 10% instead.

■ 235.6350, 0.1799,
-11.0809

■ 235.6350, 0.1799,
-11.0809

255.0000, 0.0000,
0.0000

■ 207.6350, 0.1799,
-11.0809

■ 179.9340, 0.0325,
-10.4661

■ 152.9340, 0.0325,
-10.4661

■ 127.3470, 0.3219,
-9.9513

■ 102.3470, 0.3219,
-9.9513

■ 77.7600, 0.6113,
-9.4365

■ 55.0590, 0.4639,

-8.8217

■ 33.3580, 0.3165,
-8.2070

■ 11.9340, 0.0325,
-10.4661

■ 235.6350, 0.1799,
-11.0809

■ 235.6350, 0.1799,
-11.0809

■ 227.5470, 0.2233,
-25.0357

■ 243.7230, 0.1366,
2.8739

■ 219.5730, 0.7035,
-39.0905

■ 246.9130, 2.0149,
7.0923

■ 211.1860, 0.8943,
-53.6601

■ 247.3690, 3.7621,
6.6924

■ 203.0980, 0.9377,
-67.6149

■ 195.1240, 1.4179,
-81.6697

■ 187.0360, 1.4613,
-95.6246

■ 179.0620, 1.9414,
-109.6794

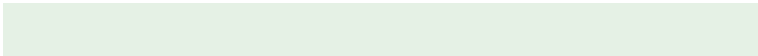
■ 170.6750, 2.1322,
-124.2490

■ 162.5870, 2.1756,
-138.2038

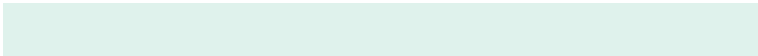
Harmonies

Analogous

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



236.0440, -3.4727, -6.1776



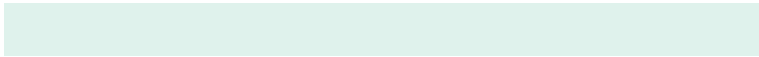
235.6350, 0.1799, -11.0809



235.8350, 3.5323, -13.0103

Triad

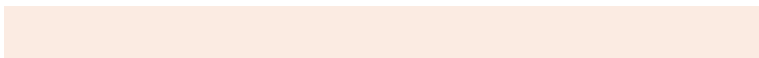
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6350, 0.1799, -11.0809



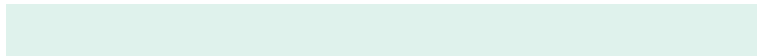
238.3080, 6.2572, -0.2701



238.7580, -6.2897, 10.7362

Complementary

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



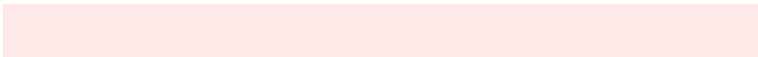
235.6350, 0.1799, -11.0809



229.3650, -0.1799, 11.0809

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.



239.1650, -3.5323, 13.0103



235.6350, 0.1799, -11.0809



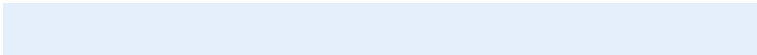
238.9560, 3.4727, 6.1776

Square

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



235.6350, 0.1799, -11.0809



237.4920, 7.1524, -7.4475



239.3650, -0.1799, 11.0809



237.9100, -6.8576, 6.2179

Rectangle

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



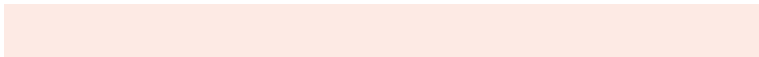
235.6350, 0.1799, -11.0809



236.0030, 5.4215, -12.2806



239.3650, -0.1799, 11.0809



238.9970, -5.4215, 12.2806

Sweetspot

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



235.6350, 0.1799, -11.0809



253.2770, -0.1366, -2.8739



235.9470, -6.3829, -6.0925



126.9890, 0.0054, -1.7444



0.0000, 0.0000, 0.0000



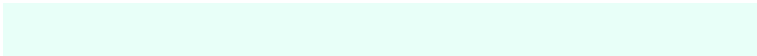
128.0000, 0.0000, 0.0000

Same Dimension

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



235.6350, 0.1799, -11.0809



247.3250, 0.3328, -13.4400



234.5580, 3.6689, -10.1364



115.9560, 0.0217, -6.9774



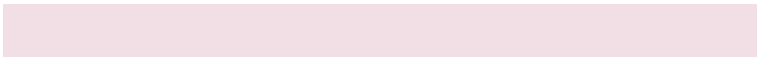
122.3720, 1.7886, -107.3202



37.2040, 0.3924, -32.6279

Inverse Universe

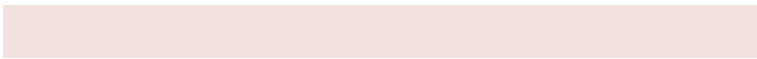
The Inverse Universe completely reimagines the original color for something new.



229.3650, -0.1799, 11.0809



239.6750, -0.3328, 13.4400



230.4420, -3.6689, 10.1364



112.0440, -0.0217, 6.9774



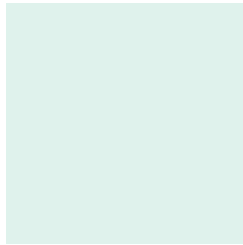
61.6280, -1.7886, 107.3202



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 235.6350, 0.1799, -11.0809 looks on a white background.

Color Contrast Check

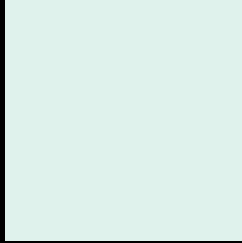
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 235.6350, 0.1799, -11.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

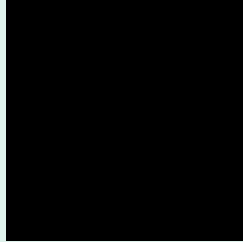
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

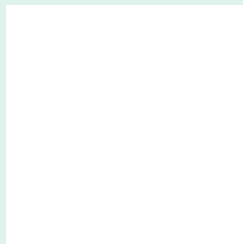
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.6350, 0.1799, -11.0809

Background



This preview shows how black text looks on a background with the YUV color 235.6350, 0.1799, -11.0809.



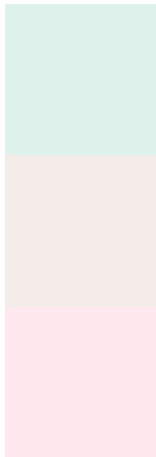
This preview shows how white text looks on a background with the YUV color 235.6350, 0.1799, -11.0809.

-11.0809.

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

235.6350, 0.1799, -11.0809

Protanopia

237.7510, -2.3422, 4.6034

Deuteranopia

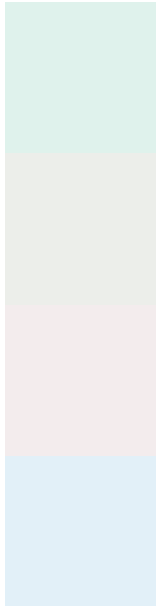
239.5610, -0.7696, 13.5400



Tritanopia

237.5350, 8.6102, -8.3622

Trichromacy



Original Color

235.6350, 0.1799, -11.0809

Protanomaly

236.9460, -1.4524, -0.8296

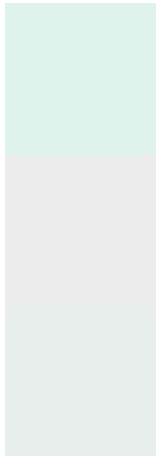
Deuteranomaly

238.2070, -0.5951, 4.2035

Tritanomaly

236.7260, 5.5581, -9.4067

Monochromacy



Original Color

235.6350, 0.1799, -11.0809

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.6790, 0.1583, -4.1035

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.6350, 0.1799, -11.0809 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(223, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 242, 236)  
}
```

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(223, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 242, 236) }
```

Border

The CSS property to change the border of an element to YUV 235.6350, 0.1799, -11.0809 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(223, 242, 236) }
```


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

```
.border{ border-color:rgb(223, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 242,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 235.6350, 0.1799, -11.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 242, 236) }
```

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

```
.background{ background-color: rgb(223,  
242, 236) }
```

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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