

Converting Colors

YUV(235.1970, -5.5201, -2.8038)

Have a look what the booklet for
YUV(235.1970, -5.5201, -2.8038)
contains.

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Color

**YUV(235.1970, -5.5201,
-2.8038)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EFE0
RGB	232, 239, 224
RGB Percent	91%, 94%, 88%
CMY	0.0902, 0.0627, 0.1216
CMYK	0.03, 0.00, 0.06, 0.06
HSL	88°, 32%, 91%
HSV	88°, 6%, 94%
XYZ	77.5998, 84.2706, 82.6969
YIQ	235.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

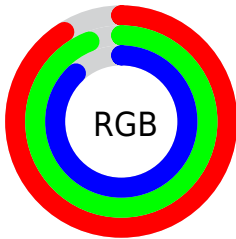
Format	Color
R_{YB}	224, 239, 231
Decimal	15265760
CIE Lab	93.57, -4.96, 6.43
CIE LCh	94, 8.124, 127.626
Yxy	84.2706, 0.3173, 0.3446
Android (android.graphics.Color)	4293455840 (0xFFE8EFE0)
YUV	235.1970, -5.5201, -2.8038
Hunter-Lab	91.7990, -9.7583, 10.8481

Details

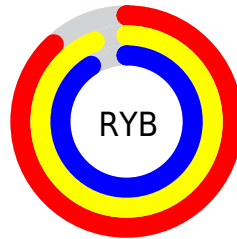
The YUV color $235.1970, -5.5201, -2.8038$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.8030, 5.5201, 2.8038$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.3110, -5.0833, -2.9037$ is the 20% darker color. If you saturate the color by 10%, you get $229.1720, -14.3818, -7.1668$, and if you desaturate by 10%, it is $241.2220, 3.3416, 1.5593$.

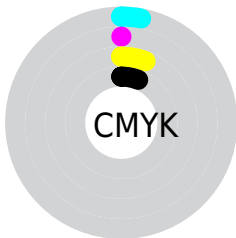
Distribution



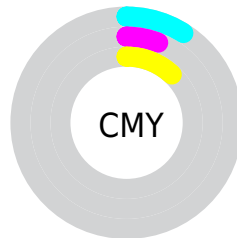
- Red (91%)
- Green (94%)
- Blue (88%)



- Red (88%)
- Yellow (94%)
- Blue (91%)



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



- Cyan (9%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.1970, -5.5201, -2.8038 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 235.1970, -5.5201, -2.8038 by changing the saturation by 10% instead.

■ 235.1970, -5.5201,
-2.8038

■ 235.1970, -5.5201,
-2.8038

255.0000, 0.0000,
0.0000

■ 207.1970, -5.5201,
-2.8038

■ 179.3110, -5.0833,
-2.9037

■ 152.6100, -5.2307,
-2.2890

■ 126.7240, -4.7939,
-2.3889

■ 101.7240, -4.7939,
-2.3889

■ 77.8380, -4.3571,
-2.4889

■ 54.8380, -4.3571,

-2.4889

■ 33.3650, -3.6309,
-2.0741

■ 10.8980, -5.3727,
-3.4185

■ 235.1970, -5.5201,
-2.8038

■ 235.1970, -5.5201,
-2.8038

■ 229.1720,
-14.3818, -7.1668

■ 241.2220, 3.3416,
1.5593

■ 223.1470,
-23.2435, -11.5299

■ 245.3090, 4.7777,
7.6220

■ 217.1220,
-32.1051, -15.8930

■ 245.6080, 4.6303,
8.2368

■ 210.7980,
-40.8194, -20.8708

■ 204.7730,
-49.6811, -25.2339

■ 198.8620,
-58.1060, -29.6970

■ 192.8370,
-66.9676, -34.0600

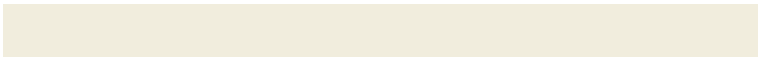
■ 186.8120,
-75.8293, -38.4231

■ 180.7870,
-84.6910, -42.7862

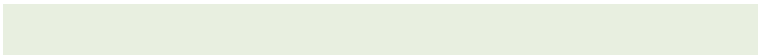
Harmonies

Analogous

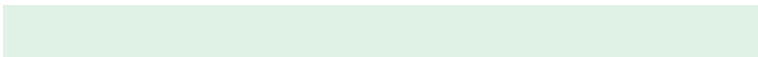
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.3720, -7.5784, 4.0588



235.1970, -5.5201, -2.8038



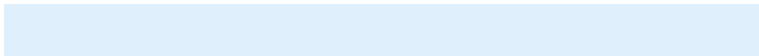
234.6630, -2.2989, -9.3515

Triad

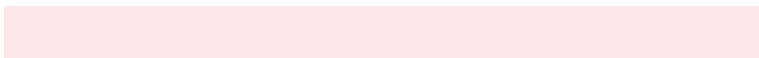
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.1970, -5.5201, -2.8038



235.5840, 7.6001, -11.0362



238.0340, -1.4958, 13.1252

Complementary

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



235.1970, -5.5201, -2.8038



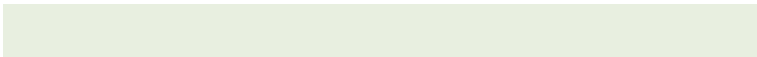
227.8030, 5.5201, 2.8038

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.



238.3370, 2.2989, 9.3515



235.1970, -5.5201, -2.8038



236.3290, 7.7258, -4.6735

Square

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



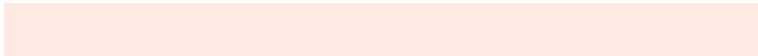
235.1970, -5.5201, -2.8038



234.6930, 5.5744, -14.6398



237.8030, 5.5201, 2.8038



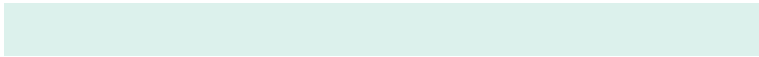
237.7090, -5.2795, 13.4102

Rectangle

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



235.1970, -5.5201, -2.8038



234.1510, 0.9116, -12.4104



237.8030, 5.5201, 2.8038



237.9630, -0.4748, 12.3104

Sweetspot

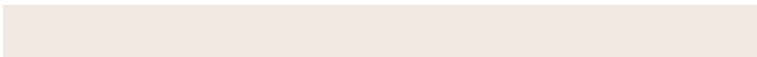
The Sweet Spot groups the original color and five complimentary colors.



235.1970, -5.5201, -2.8038



253.8320, -1.8892, -0.7297



232.5940, -4.2368, 5.6181



127.0600, -1.0156, -0.9296



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.



235.1970, -5.5201, -2.8038



249.7300, -7.2619, -4.1482



232.8050, -4.3409, -7.7220



116.8380, -4.3571, -2.4889



137.3100, -67.6938, -34.4749



41.8420, -20.6281, -10.3854

Inverse Universe

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



227.8030, 5.5201, 2.8038



239.9710, 7.4093, 3.5334



229.8960, 4.4883, 7.1072



110.8630, 4.5045, 1.8741



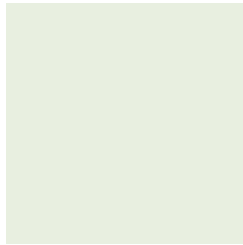
46.6900, 67.6938, 34.4749



14.1580, 20.6281, 10.3854

Previews

White Background



This preview shows how the YUV color 235.1970, -5.5201, -2.8038 looks on a white background.

Color Contrast Check

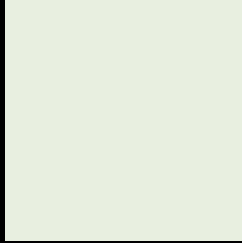
Large Text (above 18pt) WCAG AA × Fail

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 235.1970, -5.5201, -2.8038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

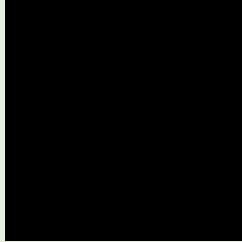
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

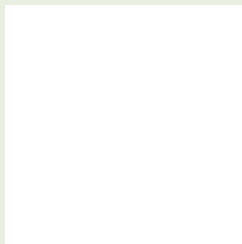
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.1970, -5.5201, -2.8038

Background



This preview shows how black text looks on a background with the YUV color 235.1970, -5.5201, -2.8038.



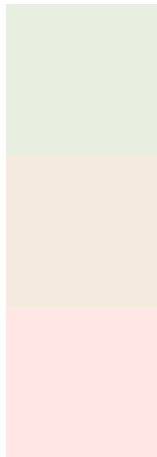
This preview shows how white text looks on a background with the YUV color 235.1970, -5.5201,

-2.8038.

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

235.1970, -5.5201, -2.8038

Protanopia

236.2090, -7.0050, 6.8327

Deuteranopia

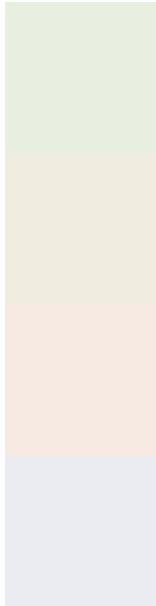
237.9480, -4.4114, 14.9546



Tritanopia

237.3510, 7.7150, -1.1848

Trichromacy



Original Color

235.1970, -5.5201, -2.8038

Protanomaly

235.7140, -6.2680, 3.7588

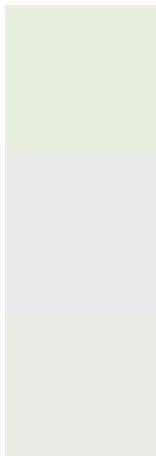
Deuteranomaly

237.0890, -4.9739, 8.6919

Tritanomaly

236.3850, 2.7682, -1.2146

Monochromacy



Original Color

235.1970, -5.5201, -2.8038

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.1970, -5.5201, -2.8038 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(232, 239, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 239, 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(232, 239, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 239, 224) }
```

Border

The CSS property to change the border of an element to YUV 235.1970, -5.5201, -2.8038 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(232, 239, 224) }
```


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

```
.border{ border-color:rgb(232, 239, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 239, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 239, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 239, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 239,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 235.1970, -5.5201, -2.8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 239, 224) }
```

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

```
.background{ background-color: rgb(232,  
239, 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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