

Converting Colors

YUV(235.5250, -9.6258, 7.4326)

Have a look what the booklet for
YUV(235.5250, -9.6258, 7.4326)
contains.

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Color

**YUV(235.5250, -9.6258,
7.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EBD8
RGB	244, 235, 216
RGB Percent	96%, 92%, 85%
CMY	0.0431, 0.0784, 0.1529
CMYK	0.00, 0.04, 0.11, 0.04
HSL	41°, 56%, 90%
HSV	41°, 11%, 96%
XYZ	79.4112, 83.6076, 76.9182
YIQ	235.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

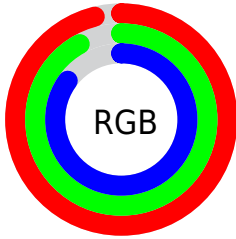
Format	Color
R _Y B	229, 244, 216
Decimal	16051160
CIE Lab	93.28, -0.11, 10.29
CIE LCh	93, 10.291, 90.609
Yxy	83.6076, 0.3310, 0.3485
Android (android.graphics.Color)	4294241240 (0xFFF4EBD8)
YUV	235.5250, -9.6258, 7.4326
Hunter-Lab	91.4372, -4.9917, 14.1305

Details

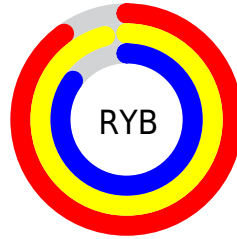
The YUV color $235.5250, -9.6258, 7.4326$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $224.4750, 9.6258, -7.4326$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.6390, -9.1890, 7.3326$ is the 20% darker color. If you saturate the color by 10%, you get $228.0930, -17.7938, 13.9504$, and if you desaturate by 10%, it is $242.9570, -1.4578, 0.9147$.

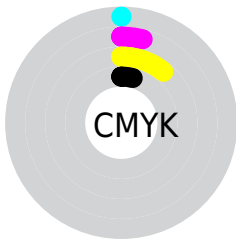
Distribution



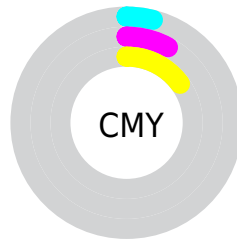
- Red (96%)
- Green (92%)
- Blue (85%)



- Red (90%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5250, -9.6258, 7.4326 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 235.5250, -9.6258, 7.4326 by changing the saturation by 10% instead.

■ 235.5250, -9.6258,
7.4326

■ 235.5250, -9.6258,
7.4326

255.0000, 0.0000,
0.0000

■ 207.5250, -9.6258,
7.4326

■ 179.6390, -9.1890,
7.3326

■ 153.3400, -9.0416,
6.7178

■ 127.1550, -8.4574,
6.0031

■ 102.1550, -8.4574,
6.0031

■ 77.9700, -7.8732,
5.2883

■ 55.0840, -7.4364,

5.1883

■ 33.8990, -6.8522,
4.4736

■ 11.5400, -5.6892,
4.7884

■ 235.5250, -9.6258,
7.4326

■ 235.5250, -9.6258,
7.4326

■ 228.0930,
-17.7938, 13.9504

■ 242.9570, -1.4578,
0.9147

■ 220.5470,
-26.3987, 20.5683

■ 249.3630, 2.7790,
-4.7034

■ 213.1150,
-34.5667, 27.0861

■ 251.7110, 1.6215,
-6.7625

■ 206.1560,
-43.4609, 33.1892

■ 198.7240,
-51.6289, 39.7071

■ 191.2920,
-59.7970, 46.2249

■ 183.7460,
-68.4018, 52.8428

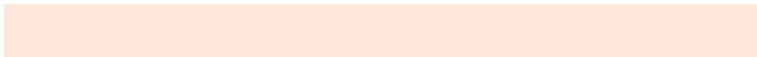
■ 176.3140,
-76.5698, 59.3606

■ 170.3980,
-84.0062, 64.5490

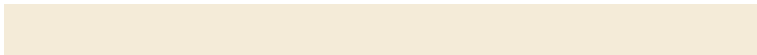
Harmonies

Analogous

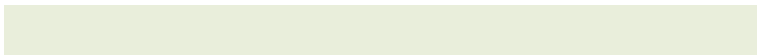
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7970, -8.7739, 14.2100



235.5250, -9.6258, 7.4326



234.3390, -7.5621, -1.1743

Triad

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



235.5250, -9.6258, 7.4326



232.4860, 6.1694, -18.8432



237.5050, 4.1880, 10.0811

Complementary

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



235.5250, -9.6258, 7.4326



224.4750, 9.6258, -7.4326

Split Complementary

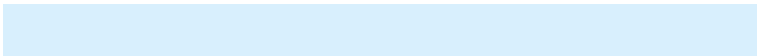
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.7750, 7.9989, 1.0743



235.5250, -9.6258, 7.4326



233.7190, 9.5055, -15.5396

Square

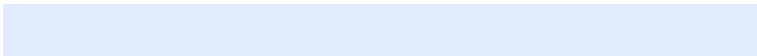
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.5250, -9.6258, 7.4326



232.8300, 1.0698, -16.5139



235.1760, 9.7732, -8.0474



237.5720, -0.7750, 15.2844

Rectangle

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



235.5250, -9.6258, 7.4326



233.5770, -5.2145, -7.5220



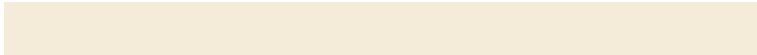
235.1760, 9.7732, -8.0474



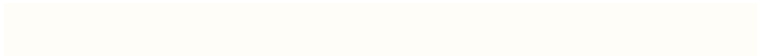
237.4230, 5.2145, 7.5220

Sweetspot

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



235.5250, -9.6258, 7.4326



252.9140, -2.9156, 1.8294



225.3980, -0.1962, 16.3140



126.1420, -2.0420, 1.6295



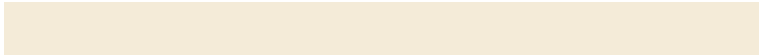
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



235.5250, -9.6258, 7.4326



244.4390, -12.5414, 9.2620



239.3130, -11.4933, -0.2745



118.2840, -4.0840, 3.2589



129.5760, -63.8810, 49.4838



41.1210, -20.2727, 15.6799

Inverse Universe

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



224.4750, 9.6258, -7.4326



230.1480, 12.2520, -9.7768



220.6870, 11.4933, 0.2745



113.7160, 4.0840, -3.2589



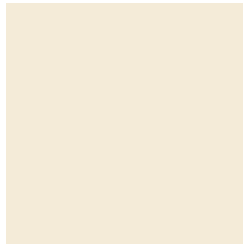
56.4240, 63.8810, -49.4838



17.8790, 20.2727, -15.6799

Previews

White Background



This preview shows how the YUV color 235.5250, -9.6258, 7.4326 looks on a white background.

Color Contrast Check

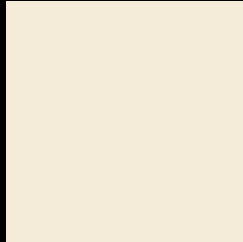
Large Text (above 18pt) WCAG AA × Fail

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 235.5250, -9.6258, 7.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

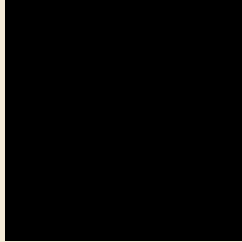
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

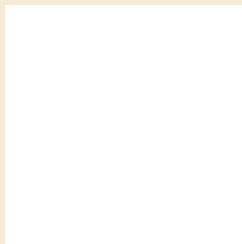
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.5250, -9.6258, 7.4326

Background



This preview shows how black text looks on a background with the YUV color 235.5250, -9.6258, 7.4326.



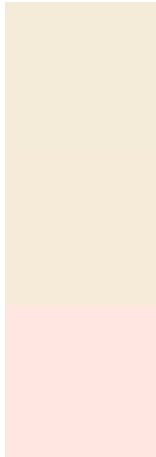
This preview shows how white text looks on a background with the YUV color 235.5250, -9.6258,

7.4326.

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

235.5250, -9.6258, 7.4326

Protanopia

235.8240, -9.7732, 8.0474

Deuteranopia

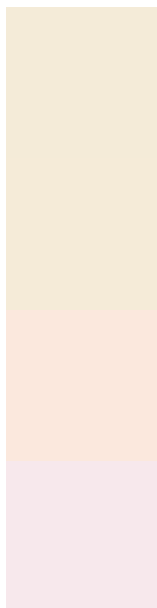
236.7910, -6.3060, 15.9693



Tritanopia

237.7330, 5.0616, 9.8812

Trichromacy



Original Color

235.5250, -9.6258, 7.4326

Protanomaly

235.8240, -9.7732, 8.0474

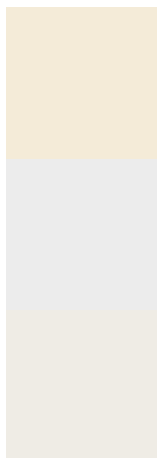
Deuteranomaly

236.4270, -7.6055, 12.7805

Tritanomaly

236.9410, -0.4639, 8.8217

Monochromacy



Original Color

235.5250, -9.6258, 7.4326

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5250, -9.6258, 7.4326 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(244, 235, 216)` looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 216)  
}
```

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(244, 235, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 216) }
```

Border

The CSS property to change the border of an element to YUV 235.5250, -9.6258, 7.4326 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(244, 235, 216) }
```


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

```
.border{ border-color:rgb(244, 235, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 235, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 235, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 235, 216);  
box-shadow:4px 4px 4px 4px rgb(244, 235,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 235.5250, -9.6258, 7.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 216) }
```

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

```
.background{ background-color: rgb(244,  
235, 216) }
```

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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