

Converting Colors

YUV(235.8040, -16.1724,
7.1879)

Have a look what the booklet for
YUV(235.8040, -16.1724, 7.1879)
contains.

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Color

**YUV(235.8040, -16.1724,
7.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EECB
RGB	244, 238, 203
RGB Percent	96%, 93%, 80%
CMY	0.0431, 0.0667, 0.2039
CMYK	0.00, 0.02, 0.17, 0.04
HSL	51°, 65%, 88%
HSV	51°, 17%, 96%
XYZ	78.6623, 84.6940, 68.7015
YIQ	235.8040, 14.8110, -9.6130

Conversions

Conversions Part 2

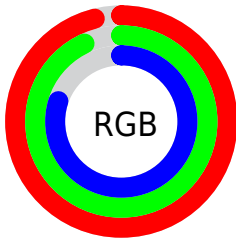
Format	Color
R _Y B	210, 244, 203
Decimal	16051915
CIE Lab	93.75, -3.63, 17.69
CIE LCh	94, 18.054, 101.586
Yxy	84.6940, 0.3390, 0.3650
Android (android.graphics.Color)	4294241995 (0xFFFF4EECB)
YUV	235.8040, -16.1724, 7.1879
Hunter-Lab	92.0293, -8.4781, 20.1595

Details

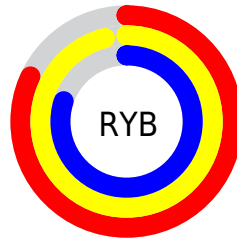
The YUV color **235.8040, -16.1724, 7.1879** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **211.1960, 16.1724, -7.1879**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **180.0320, -15.2988, 6.9879** is the 20% darker color. If you saturate the color by 10%, you get **230.7200, -25.4980, 11.6466**, and if you desaturate by 10%, it is **240.8880, -6.8468, 2.7292**.

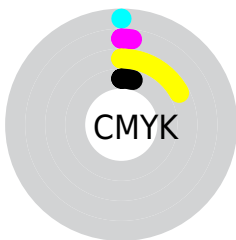
Distribution



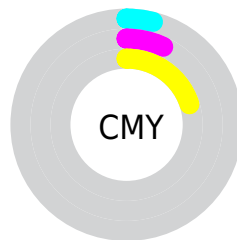
- Red (96%)
- Green (93%)
- Blue (80%)



- Red (82%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8040, -16.1724, 7.1879 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 235.8040, -16.1724, 7.1879 by changing the saturation by 10% instead.

■ 235.8040,
-16.1724, 7.1879

■ 235.8040,
-16.1724, 7.1879

255.0000, 0.0000,
0.0000

■ 207.6190,
-15.5882, 6.4731

■ 180.0320,
-15.2988, 6.9879

■ 152.8470,
-14.7146, 6.2732

■ 126.9610,
-14.2778, 6.1732

■ 101.7760,
-13.6936, 5.4584

■ 77.8900, -13.2568,
5.3585

■ 54.8190, -12.2358,

4.5437

■ 33.1780, -13.3988,
4.2289

■ 12.3930, -6.1097,
-0.3447

■ 235.8040,
-16.1724, 7.1879

■ 235.8040,
-16.1724, 7.1879

■ 230.7200,
-25.4980, 11.6466

■ 240.8880, -6.8468,
2.7292

■ 226.1090,
-35.5497, 15.6904

■ 245.4990, 3.2050,
-1.3146

■ 221.0250,
-44.8753, 20.1491

■ 248.1890, 3.3578,
-3.6738

■ 216.4140,
-54.9271, 24.1929

■ 249.9500, 2.4897,
-5.2181

■ 211.3300,
-64.2527, 28.6516

■ 251.7110, 1.6215,
-6.7625

■ 206.8330,
-73.8677, 32.5955

■ 201.6350,
-83.6301, 37.1541

■ 196.5510,
-92.9556, 41.6128

■ 195.0520,
-96.1606, 42.9274

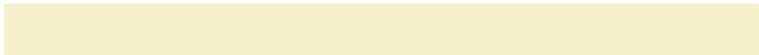
Harmonies

Analogous

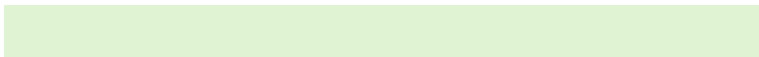
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.6850, -15.6207, 16.9393



235.8040, -16.1724, 7.1879



233.6710, -11.1768, -8.4815

Triad

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



235.8040, -16.1724, 7.1879



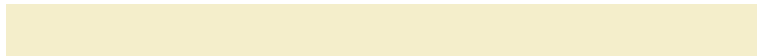
231.4780, 11.5963, -32.8682



237.1790, 5.3348, 15.6290

Complementary

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



235.8040, -16.1724, 7.1879



211.1960, 16.1724, -7.1879

Split Complementary

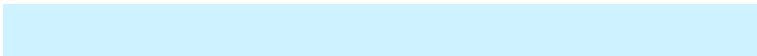
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5310, 8.1192, 9.1813



235.8040, -16.1724, 7.1879



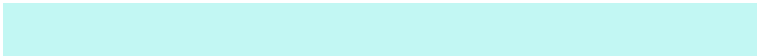
232.7180, 10.9850, -23.4317

Square

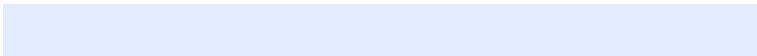
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.8040, -16.1724, 7.1879



230.6970, 6.0654, -32.1833



235.4750, 9.6258, -7.4326



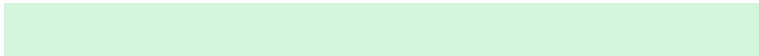
234.6540, -1.8014, 17.8434

Rectangle

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



235.8040, -16.1724, 7.1879



232.5710, -6.1975, -18.9178



235.4750, 9.6258, -7.4326



238.4500, 7.6662, 14.5144

Sweetspot

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



235.8040, -16.1724, 7.1879



252.3440, -5.0996, 2.3293



215.9430, -3.4229, 24.6060



125.9140, -2.9156, 1.8294



0.0000, 0.0000, 0.0000



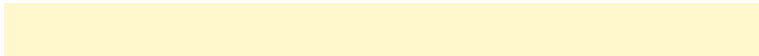
128.0000, 0.0000, 0.0000

Same Dimension

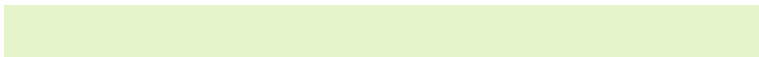
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8040, -16.1724, 7.1879



245.0770, -20.2510, 8.7025



235.1400, -15.8450, -4.5078



120.0450, -4.9522, 1.7145



148.9470, -73.4309, 32.4955



46.9910, -23.1666, 10.5319

Inverse Universe

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



211.1960, 16.1724, -7.1879



213.9230, 20.2510, -8.7025



211.8600, 15.8450, 4.5078



112.5420, 4.6628, -2.2293



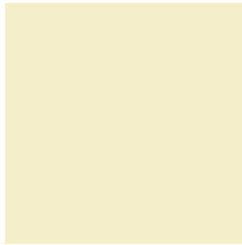
37.0530, 73.4309, -32.4955



12.0090, 23.1666, -10.5319

Previews

White Background



This preview shows how the YUV color 235.8040, -16.1724, 7.1879 looks on a white background.

Color Contrast Check

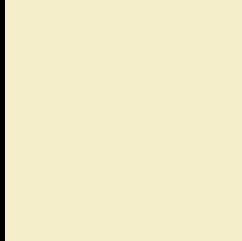
Large Text (above 18pt) WCAG AA × Fail

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 235.8040, -16.1724, 7.1879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

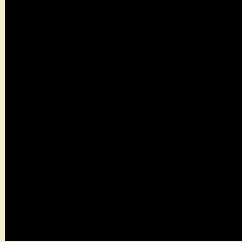
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 235.8040, -16.1724, 7.1879

Background



This preview shows how black text looks on a background with the YUV color 235.8040, -16.1724, 7.1879.



This preview shows how white text looks on a background with the YUV color 235.8040, -16.1724, 7.1879.

7.1879.

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

235.8040, -16.1724, 7.1879

Protanopia

236.0110, -16.7674, 11.3914

Deuteranopia

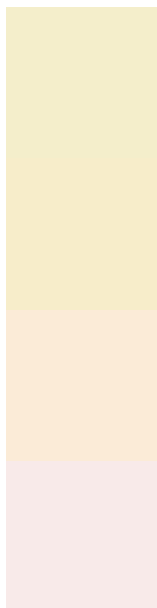
238.3240, -8.0477, 14.6249



Tritanopia

238.8470, 5.4984, 9.7812

Trichromacy



Original Color

235.8040, -16.1724, 7.1879

Protanomaly

236.0000, -16.7620, 9.6470

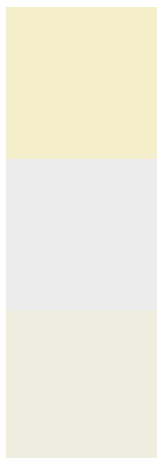
Deuteranomaly

237.5040, -11.0945, 11.8360

Tritanomaly

238.0720, -2.5005, 8.7069

Monochromacy



Original Color

235.8040, -16.1724, 7.1879

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8040, -16.1724, 7.1879 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, 238, 203)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 203)  
}
```

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, 238, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 203) }
```

Border

The CSS property to change the border of an element to YUV 235.8040, -16.1724, 7.1879 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, 238, 203) }
```


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

```
.border{ border-color:rgb(244, 238, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 203);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 235.8040, -16.1724, 7.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 203) }
```

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

```
.background{ background-color: rgb(244,  
238, 203) }
```

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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