

Converting Colors

YUV(235.8740, 4.4991, 3.6185)

Have a look what the booklet for
YUV(235.8740, 4.4991, 3.6185)
contains.

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Color

**YUV(235.8740, 4.4991,
3.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E8F5
RGB	240, 232, 245
RGB Percent	94%, 91%, 96%
CMY	0.0588, 0.0902, 0.0392
CMYK	0.02, 0.05, 0.00, 0.04
HSL	277°, 39%, 94%
HSV	277°, 5%, 96%
XYZ	81.2732, 82.8311, 98.0906
YIQ	235.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

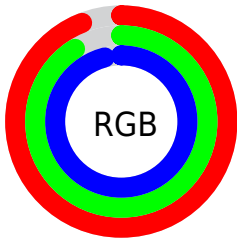
Format	Color
R _Y B	240, 232, 245
Decimal	15788277
CIE Lab	92.94, 5.01, -5.33
CIE LCh	93, 7.314, 313.190
Yxy	82.8311, 0.3100, 0.3159
Android (android.graphics.Color)	4293978357 (0xFFFF0E8F5)
YUV	235.8740, 4.4991, 3.6185
Hunter-Lab	91.0116, 0.1300, -0.1936

Details

The YUV color `235.8740, 4.4991, 3.6185` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `241.1260, -4.4991, -3.6185`, 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 `179.8740, 4.4991, 3.6185` is the 20% darker color. If you saturate the color by 10%, you get `219.0950, 12.7712, 10.4407`, and if you desaturate by 10%, it is `252.0660, -3.4835, -2.6889`.

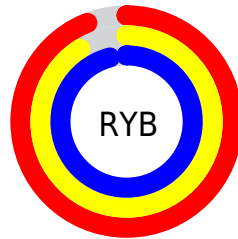
Distribution



Red (94%)

Green (91%)

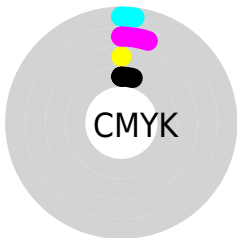
Blue (96%)



Red (94%)

Yellow (91%)

Blue (96%)

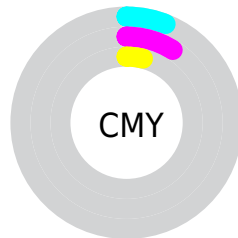


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (6%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8740, 4.4991, 3.6185 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 235.8740, 4.4991, 3.6185 by changing the saturation by 10% instead.

■ 235.8740, 4.4991,
3.6185

■ 235.8740, 4.4991,
3.6185

255.0000, 0.0000,
0.0000

■ 207.8740, 4.4991,
3.6185

■ 179.8740, 4.4991,
3.6185

■ 153.4610, 4.2097,
3.1037

■ 127.4610, 4.2097,
3.1037

■ 102.3470, 3.7729,
3.2037

■ 78.3470, 3.7729,
3.2037

■ 55.9340, 3.4835,

2.6889

■ 33.9340, 3.4835,
2.6889

■ 11.2870, 4.7885,
4.1333

■ 235.8740, 4.4991,
3.6185

■ 235.8740, 4.4991,
3.6185

■ 219.0950, 12.7712,
10.4407

■ 252.0660, -3.4835,
-2.6889

■ 201.4300, 21.4800,
17.1629

■ 253.8600, -4.3680,
0.9998

■ 184.6510, 29.7521,
23.9851

■ 166.9860, 38.4609,
30.7073

■ 150.2070, 46.7329,
37.5295

■ 132.5420, 55.4418,
44.2517

■ 115.1760, 64.0032,
51.5886

■ 98.3970, 72.2753,
58.4108

■ 81.3190, 80.6947,
64.6182

Harmonies

Analogous

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



234.6990, 6.5574, -3.2440



235.8740, 4.4991, 3.6185



236.1090, 1.4253, 9.5514

Triad

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



235.8740, 4.4991, 3.6185



235.2200, -7.0105, 8.5771



232.6070, 2.6587, -12.8103

Complementary

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



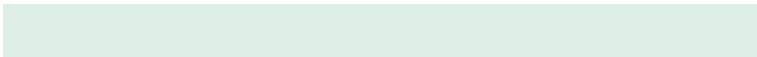
235.8740, 4.4991, 3.6185



241.1260, -4.4991, -3.6185

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.



232.8910, -1.4253, -9.5514



235.8740, 4.4991, 3.6185



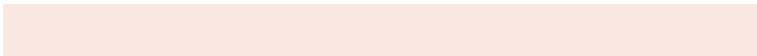
234.0020, -6.4100, 2.6292

Square

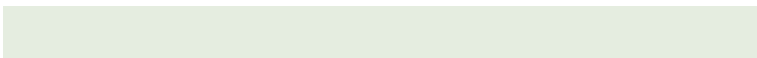
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.8740, 4.4991, 3.6185



235.6980, -5.2741, 11.6659



233.1260, -4.4991, -3.6185



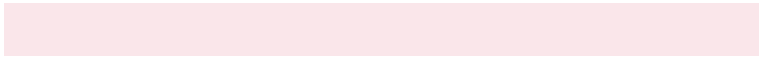
233.0030, 5.4215, -12.2806

Rectangle

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



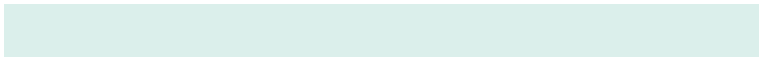
235.8740, 4.4991, 3.6185



236.4360, -1.2009, 11.8956



233.1260, -4.4991, -3.6185



232.5640, 1.2009, -11.8956

Sweetspot

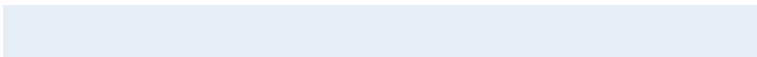
The Sweet Spot groups the original color and five complimentary colors.



235.8740, 4.4991, 3.6185



251.4670, 1.7418, 1.3444



236.4170, 4.2314, -3.8737



125.9400, 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.



235.8740, 4.4991, 3.6185



244.4010, 5.2253, 4.0333



237.2550, 3.3253, 6.7924



116.4070, 2.7573, 2.2741



55.5890, 64.2926, 52.1034



17.4900, 20.4644, 16.2333

Inverse Universe

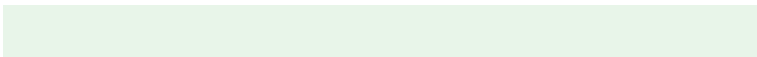
The Inverse Universe completely reimagines the original color for something new.



236.4570, 0.2677, 7.4922



245.1690, 0.4097, 8.6218



239.7450, -3.3253, -6.7924



116.7340, 0.1311, 4.6183



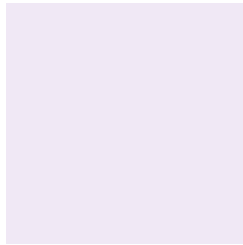
63.8220, 4.0318, 107.1501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 235.8740, 4.4991, 3.6185 looks on a white background.

Color Contrast Check

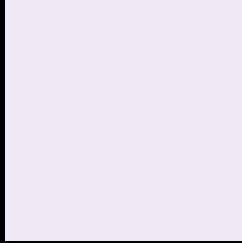
Large Text (above 18pt) WCAG AA × Fail

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 235.8740, 4.4991, 3.6185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

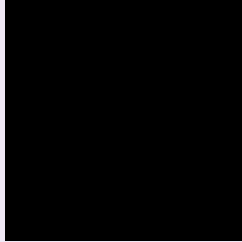
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

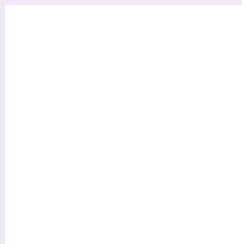
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.8740, 4.4991, 3.6185

Background



This preview shows how black text looks on a background with the YUV color 235.8740, 4.4991, 3.6185.



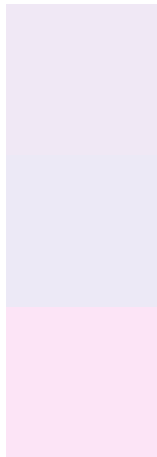
This preview shows how white text looks on a background with the YUV color 235.8740, 4.4991,

3.6185.

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

235.8740, 4.4991, 3.6185

Protanopia

235.3790, 5.2362, 0.5446

Deuteranopia

237.2280, 4.3246, 12.9550



Tritanopia

236.1560, 6.8251, 4.2482

Trichromacy



Original Color

235.8740, 4.4991, 3.6185

Protanomaly

235.6780, 5.0887, 1.1594

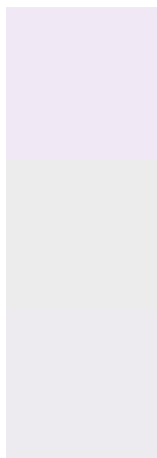
Deuteranomaly

236.6190, 4.6248, 9.9811

Tritanomaly

235.9280, 5.9515, 4.4481

Monochromacy



Original Color

235.8740, 4.4991, 3.6185

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8740, 4.4991, 3.6185 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(240, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 245)  
}
```

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(240, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 245) }
```

Border

The CSS property to change the border of an element to YUV 235.8740, 4.4991, 3.6185 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(240, 232, 245) }
```


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

```
.border{ border-color:rgb(240, 232, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 232, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 235.8740, 4.4991, 3.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 232, 245) }
```

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

```
.background{ background-color: rgb(240,  
232, 245) }
```

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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