

Converting Colors

YUV(235.3300, 6.2463, 3.2186)

Have a look what the booklet for
YUV(235.3300, 6.2463, 3.2186)
contains.

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Color

**YUV(235.3300, 6.2463,
3.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE7F8
RGB	239, 231, 248
RGB Percent	94%, 91%, 97%
CMY	0.0627, 0.0941, 0.0275
CMYK	0.04, 0.07, 0.00, 0.03
HSL	268°, 55%, 94%
HSV	268°, 7%, 97%
XYZ	81.1158, 82.2799, 100.4133
YIQ	235.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

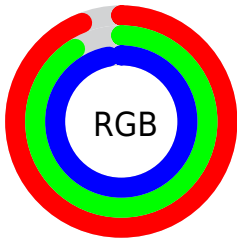
Format	Color
R _Y B	239, 231, 248
Decimal	15722488
CIE Lab	92.70, 5.74, -7.26
CIE LCh	93, 9.259, 308.335
Yxy	82.2799, 0.3075, 0.3119
Android (android.graphics.Color)	4293912568 (0xFFEFE7F8)
YUV	235.3300, 6.2463, 3.2186
Hunter-Lab	90.7082, 0.8841, -2.1378

Details

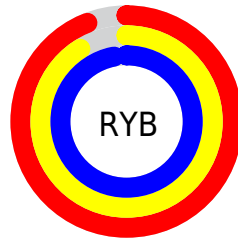
The YUV color `235.3300, 6.2463, 3.2186` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `243.6700, -6.2463, -3.2186`, and the grayscale version is `235.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `179.3300, 6.2463, 3.2186` is the 20% darker color. If you saturate the color by 10%, you get `216.7680, 15.3974, 8.0965`, and if you desaturate by 10%, it is `253.3050, -2.6154, -1.1445`.

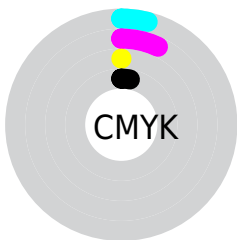
Distribution



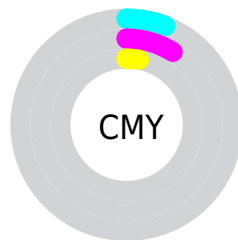
- Red (94%)
- Green (91%)
- Blue (97%)



- Red (94%)
- Yellow (91%)
- Blue (97%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.3300, 6.2463, 3.2186 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 235.3300, 6.2463, 3.2186 by changing the saturation by 10% instead.

235.3300, 6.2463,
3.2186

235.3300, 6.2463,
3.2186

255.0000, 0.0000,
0.0000

207.2160, 5.8095,
3.3186

179.3300, 6.2463,
3.2186

152.9170, 5.9569,
2.7038

126.8030, 5.5201,
2.8038

101.8030, 5.5201,
2.8038

77.6890, 5.0833,
2.9037

55.2760, 4.7939,

2.3889

■ 33.8630, 4.5045,
1.8741

■ 10.9280, 5.9515,
4.4481

■ 235.3300, 6.2463,
3.2186

■ 235.3300, 6.2463,
3.2186

■ 216.7680, 15.3974,
8.0965

■ 253.3050, -2.6154,
-1.1445

■ 198.2060, 24.5484,
12.9743

■ 254.2020, -3.0576,
0.6998

■ 180.2310, 33.4101,
17.3374

■ 161.3700, 42.7086,
21.6005

■ 142.8080, 51.8597,
26.4784

■ 124.2460, 61.0107,
31.3563

■ 105.6840, 70.1618,
36.2341

■ 87.7090, 79.0235,
40.5972

■ 69.1470, 88.1745,
45.4751

Harmonies

Analogous

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



234.1440, 8.3100, -5.3883



235.3300, 6.2463, 3.2186



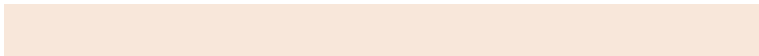
236.0490, 2.4408, 10.4810

Triad

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



235.3300, 6.2463, 3.2186



234.6010, -8.1843, 11.7509



230.8840, 2.5222, -15.6843

Complementary

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



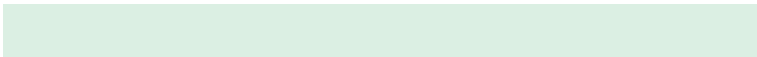
235.3300, 6.2463, 3.2186



243.6700, -6.2463, -3.2186

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.



231.6520, -2.2934, -11.0958



235.3300, 6.2463, 3.2186



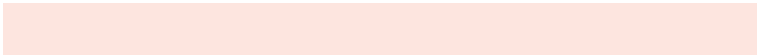
233.4430, -8.5994, 4.8735

Square

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



235.3300, 6.2463, 3.2186



235.4920, -6.1586, 15.3545



232.6700, -6.2463, -3.2186



231.9100, 6.4534, -16.5841

Rectangle

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



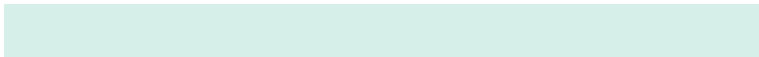
235.3300, 6.2463, 3.2186



235.9740, -0.4802, 14.0548



232.6700, -6.2463, -3.2186



231.1400, 0.9170, -14.1548

Sweetspot

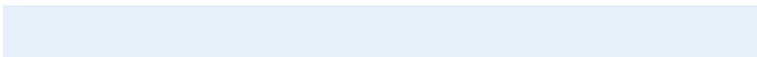
The Sweet Spot groups the original color and five complimentary colors.



235.3300, 6.2463, 3.2186



251.1680, 1.8892, 0.7297



238.2210, 4.8210, -6.3328



125.6410, 1.1630, 0.3148



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.



235.3300, 6.2463, 3.2186



239.9710, 7.4093, 3.5334



237.7220, 5.0671, 8.1368



115.2760, 4.7939, 2.3889



48.1570, 69.4356, 35.8193



15.6250, 22.3699, 11.7299

Inverse Universe

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



237.1090, 1.4253, 9.5514



242.1200, 1.4198, 11.2958



241.2780, -5.0671, -8.1368



116.6850, 1.1413, 7.2923



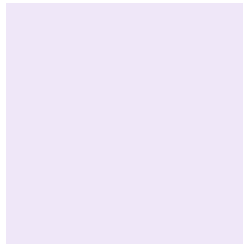
67.9110, 15.8199, 106.1951



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 235.3300, 6.2463, 3.2186 looks on a white background.

Color Contrast Check

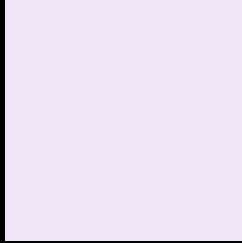
Large Text (above 18pt) WCAG AA × Fail

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 235.3300, 6.2463, 3.2186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

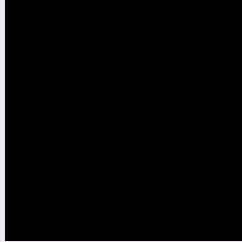
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

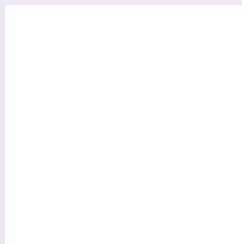
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.3300, 6.2463, 3.2186

Background



This preview shows how black text looks on a background with the YUV color 235.3300, 6.2463, 3.2186.



This preview shows how white text looks on a background with the YUV color 235.3300, 6.2463,

3.2186.

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

235.3300, 6.2463, 3.2186

Protanopia

235.1230, 6.8414, -0.9849

Deuteranopia

236.3850, 6.2192, 11.9404



Tritanopia

235.4440, 6.6831, 3.1186

Trichromacy



Original Color

235.3300, 6.2463, 3.2186

Protanomaly

235.1340, 6.8359, 0.7595

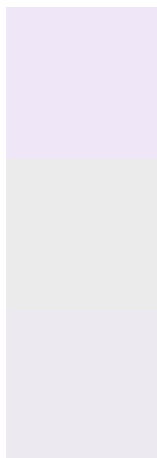
Deuteranomaly

235.7760, 6.5194, 8.9664

Tritanomaly

235.4440, 6.6831, 3.1186

Monochromacy



Original Color

235.3300, 6.2463, 3.2186

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.3300, 6.2463, 3.2186 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(239, 231, 248)` looks like.

```
.text, #text, p{  
    color:rgb(239, 231, 248)  
}
```

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(239, 231, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 231, 248) }
```

Border

The CSS property to change the border of an element to YUV 235.3300, 6.2463, 3.2186 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(239, 231, 248) }
```


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

```
.border{ border-color:rgb(239, 231, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 231, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 231, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 231, 248);  
box-shadow:4px 4px 4px 4px rgb(239, 231,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 235.3300, 6.2463, 3.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 231, 248) }
```

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

```
.background{ background-color: rgb(239,  
231, 248) }
```

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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