

Converting Colors

YUV(236.4440, 6.6831, 3.1186)

Have a look what the booklet for
YUV(236.4440, 6.6831, 3.1186)
contains.

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Color

**YUV(236.4440, 6.6831,
3.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E8FA
RGB	240, 232, 250
RGB Percent	94%, 91%, 98%
CMY	0.0588, 0.0902, 0.0196
CMYK	0.04, 0.07, 0.00, 0.02
HSL	267°, 64%, 95%
HSV	267°, 7%, 98%
XYZ	82.0471, 83.1406, 102.1659
YIQ	236.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

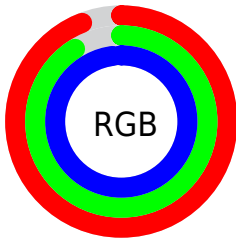
Format	Color
R _Y B	240, 232, 250
Decimal	15788282
CIE Lab	93.08, 5.92, -7.74
CIE LCh	93, 9.744, 307.434
Yxy	83.1406, 0.3069, 0.3110
Android (android.graphics.Color)	4293978362 (0xFFFF0E8FA)
YUV	236.4440, 6.6831, 3.1186
Hunter-Lab	91.1815, 1.0507, -2.6055

Details

The YUV color `236.4440, 6.6831, 3.1186` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245.5560, -6.6831, -3.1186`, 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 `180.4440, 6.6831, 3.1186` is the 20% darker color. If you saturate the color by 10%, you get `217.5830, 15.9816, 7.3817`, and if you desaturate by 10%, it is `254.1310, -2.0366, -0.1149`.

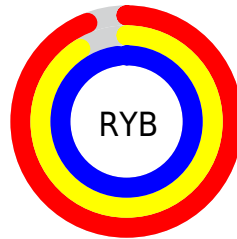
Distribution



Red (94%)

Green (91%)

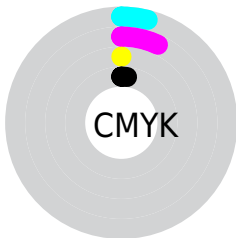
Blue (98%)



Red (94%)

Yellow (91%)

Blue (98%)

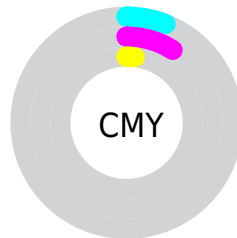


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (6%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.4440, 6.6831, 3.1186 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 236.4440, 6.6831, 3.1186 by changing the saturation by 10% instead.

236.4440, 6.6831,
3.1186

236.4440, 6.6831,
3.1186

255.0000, 0.0000,
0.0000

208.3300, 6.2463,
3.2186

180.4440, 6.6831,
3.1186

153.9170, 5.9569,
2.7038

127.9170, 5.9569,
2.7038

102.9170, 5.9569,
2.7038

78.8030, 5.5201,
2.8038

56.3900, 5.2307,

2.2890

■ 34.2760, 4.7939,
2.3889

■ 11.9280, 5.9515,
4.4481

■ 236.4440, 6.6831,
3.1186

■ 236.4440, 6.6831,
3.1186

■ 217.5830, 15.9816,
7.3817

■ 254.1310, -2.0366,
-0.1149

■ 198.7220, 25.2801,
11.6448

■ 254.4300, -2.1840,
0.4999

■ 179.8610, 34.5785,
15.9079

■ 161.0000, 43.8770,
20.1710

■ 142.4380, 53.0281,
25.0489

■ 123.5770, 62.3265,
29.3120

■ 104.7160, 71.6250,
33.5751

■ 85.8550, 80.9235,
37.8382

■ 66.9940, 90.2220,
42.1013

Harmonies

Analogous

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



235.0730, 9.3310, -6.2030



236.4440, 6.6831, 3.1186



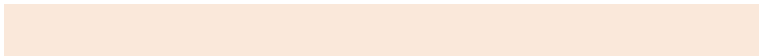
237.3480, 2.2934, 11.0958

Triad

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



236.4440, 6.6831, 3.1186



235.7860, -8.7685, 12.4657



232.1720, 2.3802, -16.8138

Complementary

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



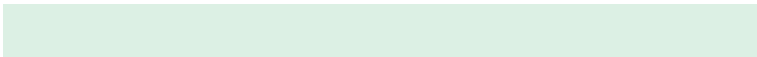
236.4440, 6.6831, 3.1186



245.5560, -6.6831, -3.1186

Split Complementary

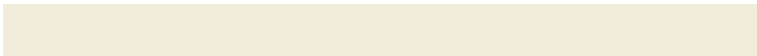
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6520, -2.2934, -11.0958



236.4440, 6.6831, 3.1186



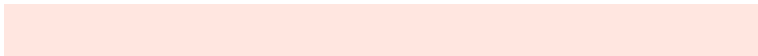
234.7420, -8.7468, 5.4883

Square

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



236.4440, 6.6831, 3.1186



236.7910, -6.3060, 15.9693



233.5560, -6.6831, -3.1186



232.6110, 6.6008, -17.1988

Rectangle

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



236.4440, 6.6831, 3.1186



237.2730, -0.6276, 14.6696



233.5560, -6.6831, -3.1186



232.4280, 0.7750, -15.2844

Sweetspot

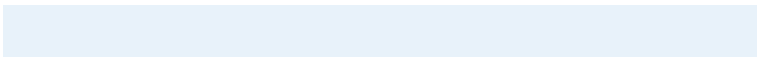
The Sweet Spot groups the original color and five complimentary colors.



236.4440, 6.6831, 3.1186



251.1680, 1.8892, 0.7297



239.9220, 4.9685, -6.9476



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.



236.4440, 6.6831, 3.1186



237.6120, 8.5723, 3.8483



239.1350, 5.3564, 8.6516



115.2760, 4.7939, 2.3889



46.6620, 70.1726, 32.7454



15.0270, 22.6647, 10.5003

Inverse Universe

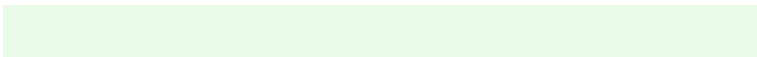
The Inverse Universe completely reimagines the original color for something new.



238.5220, 1.7147, 10.0662



240.3590, 2.2880, 12.8402



242.8650, -5.3564, -8.6516



116.6850, 1.1413, 7.2923



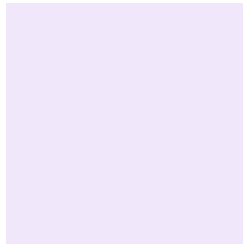
68.4810, 18.0039, 105.6952



22.1150, 5.8593, 34.1021

Previews

White Background



This preview shows how the YUV color 236.4440, 6.6831, 3.1186 looks on a white background.

Color Contrast Check

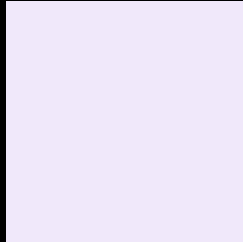
Large Text (above 18pt) WCAG AA × Fail

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 236.4440, 6.6831, 3.1186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

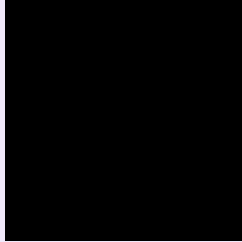
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.4440, 6.6831, 3.1186

Background



This preview shows how black text looks on a background with the YUV color 236.4440, 6.6831, 3.1186.



This preview shows how white text looks on a background with the YUV color 236.4440, 6.6831,

3.1186.

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

236.4440, 6.6831, 3.1186

Protanopia

236.2370, 7.2782, -1.0848

Deuteranopia

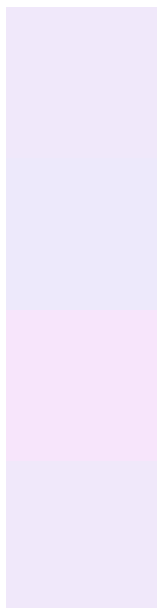
237.4990, 6.6560, 11.8404



Tritanopia

236.4440, 6.6831, 3.1186

Trichromacy



Original Color

236.4440, 6.6831, 3.1186

Protanomaly

236.2480, 7.2727, 0.6595

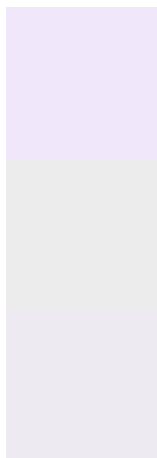
Deuteranomaly

236.8900, 6.9562, 8.8665

Tritanomaly

236.4440, 6.6831, 3.1186

Monochromacy



Original Color

236.4440, 6.6831, 3.1186

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.4440, 6.6831, 3.1186 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 250) }
```

Border

The CSS property to change the border of an element to YUV 236.4440, 6.6831, 3.1186 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, 250) }
```


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

```
.border{ border-color:rgb(240, 232, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 236.4440, 6.6831, 3.1186 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, 250) }
```

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

```
.background{ background-color: rgb(240,  
232, 250) }
```

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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