

Converting Colors

YUV(233.3370, 2.2989, 9.3515)

Have a look what the booklet for
YUV(233.3370, 2.2989, 9.3515)
contains.

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Color

**YUV(233.3370, 2.2989,
9.3515)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E3EE
RGB	244, 227, 238
RGB Percent	96%, 89%, 93%
CMY	0.0431, 0.1098, 0.0667
CMYK	0.00, 0.07, 0.02, 0.04
HSL	321°, 44%, 92%
HSV	321°, 7%, 96%
XYZ	80.2099, 80.3443, 92.1694
YIQ	233.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

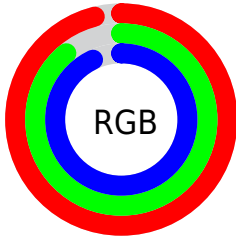
Format	Color
R_{YB}	244, 227, 238
Decimal	16049134
CIE Lab	91.84, 7.67, -3.26
CIE LCh	92, 8.339, 336.961
Yxy	80.3443, 0.3174, 0.3179
Android (android.graphics.Color)	4294239214 (0xFF4E3EE)
YUV	233.3370, 2.2989, 9.3515
Hunter-Lab	89.6350, 2.8696, 1.7781

Details

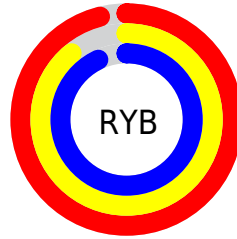
The YUV color $233.3370, 2.2989, 9.3515$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.6630, -2.2989, -9.3515$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.9240, 2.0095, 8.8367$ is the 20% darker color. If you saturate the color by 10%, you get $218.2230, 5.3131, 22.6064$, and if you desaturate by 10%, it is $248.4510, -0.7153, -3.9035$.

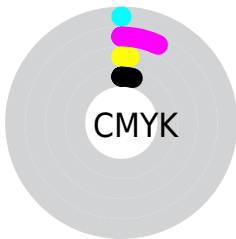
Distribution



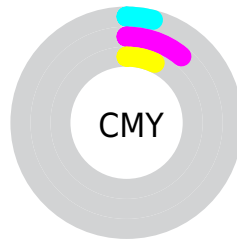
- Red (96%)
- Green (89%)
- Blue (93%)



- Red (96%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.3370, 2.2989, 9.3515 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 233.3370, 2.2989, 9.3515 by changing the saturation by 10% instead.

 233.3370, 2.2989,
9.3515


 233.3370, 2.2989,
9.3515

255.0000, 0.0000,
0.0000


 205.3370, 2.2989,
9.3515

 177.9240, 2.0095,
8.8367

 150.9240, 2.0095,
8.8367

 124.9240, 2.0095,
8.8367

 100.2120, 1.8675,
7.7071

 76.2120, 1.8675,
7.7071

 53.7990, 1.5781,

7.1923

■ 32.5000, 1.7255,
6.5775

■ 8.1630, 2.8776,
10.3810

■ 233.3370, 2.2989,
9.3515

■ 233.3370, 2.2989,
9.3515

■ 218.2230, 5.3131,
22.6064

■ 248.4510, -0.7153,
-3.9035

■ 202.6360, 9.0535,
36.2762

■ 251.7110, 1.6215,
-6.7625

■ 187.5220, 12.0677,
49.5312

■ 171.9350, 15.8080,
63.2010

■ 156.8210, 18.8222,
76.4560

■ 141.7070, 21.8364,
89.7110

■ 126.1200, 25.5768,
103.3808

■ 111.0060, 28.5910,
116.6357

■ 95.3050, 31.8946,
130.4055

Harmonies

Analogous

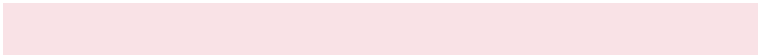
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.8030, 5.5201, 2.8038



233.3370, 2.2989, 9.3515



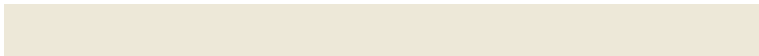
233.3330, -1.6432, 13.7400

Triad

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



233.3370, 2.2989, 9.3515



231.6710, -7.7258, 4.6735



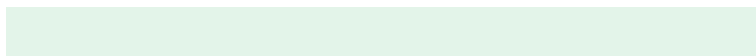
229.6930, 5.5744, -14.6398

Complementary

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



233.3370, 2.2989, 9.3515



237.6630, -2.2989, -9.3515

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.



229.3680, 1.7906, -14.3547



233.3370, 2.2989, 9.3515



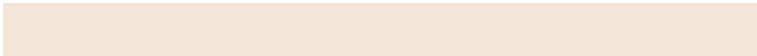
230.1970, -5.5201, -2.8038

Square

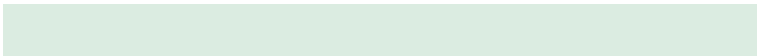
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.3370, 2.2989, 9.3515



232.1170, -7.4527, 10.4214



229.6630, -2.2989, -9.3515



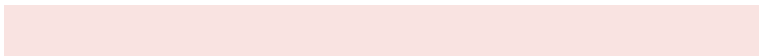
230.2850, 7.7475, -11.6509

Rectangle

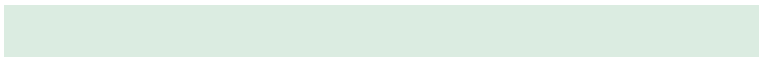
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.3370, 2.2989, 9.3515



233.3500, -4.1165, 13.7251



229.6630, -2.2989, -9.3515



229.0520, 4.4114, -14.9546

Sweetspot

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



233.3370, 2.2989, 9.3515



251.8370, 0.5734, 2.7740



230.7320, 6.5411, 1.9890



126.1250, 0.4314, 1.6444



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.



233.3370, 2.2989, 9.3515



242.4620, 2.7302, 10.9958



232.4250, -1.1955, 10.1513



114.5000, 1.7255, 6.5775



69.2940, 24.9981, 102.3512



21.9730, 7.9013, 32.4727

Inverse Universe

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



233.3370, 2.2989, 9.3515



242.4620, 2.7302, 10.9958



238.5750, 1.1955, -10.1513



114.5000, 1.7255, 6.5775



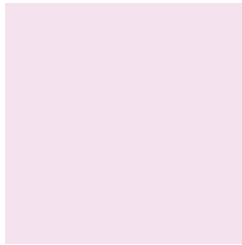
69.2940, 24.9981, 102.3512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 233.3370, 2.2989, 9.3515 looks on a white background.

Color Contrast Check

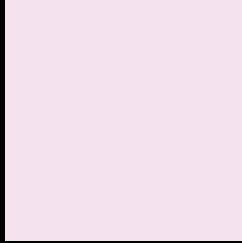
Large Text (above 18pt) WCAG AA × Fail

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 233.3370, 2.2989, 9.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

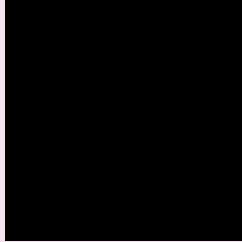
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.3370, 2.2989, 9.3515

Background



This preview shows how black text looks on a background with the YUV color 233.3370, 2.2989, 9.3515.



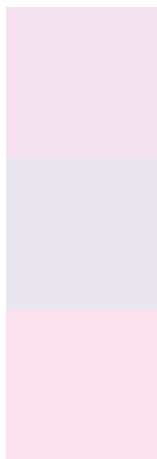
This preview shows how white text looks on a background with the YUV color 233.3370, 2.2989, 9.3515.

9.3515.

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

233.3370, 2.2989, 9.3515

Protanopia

232.0370, 3.9258, 0.8446

Deuteranopia

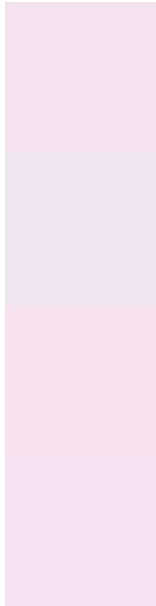
234.2560, 1.8458, 14.6845



Tritanopia

233.7330, 5.0616, 9.8812

Trichromacy



Original Color

233.3370, 2.2989, 9.3515

Protanomaly

232.5320, 3.1887, 3.9184

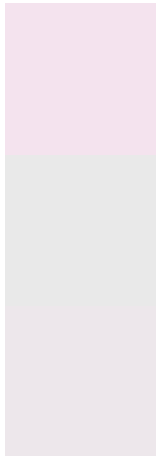
Deuteranomaly

233.9460, 1.9986, 12.3254

Tritanomaly

233.5050, 4.1880, 10.0811

Monochromacy



Original Color

233.3370, 2.2989, 9.3515

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.2500, 0.8628, 3.2888

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.3370, 2.2989, 9.3515 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, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 238)  
}
```

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, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 238) }
```

Border

The CSS property to change the border of an element to YUV 233.3370, 2.2989, 9.3515 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, 227, 238) }
```


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

```
.border{ border-color:rgb(244, 227, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 227,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 233.3370, 2.2989, 9.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 227, 238) }
```

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

```
.background{ background-color: rgb(244,  
227, 238) }
```

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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