

Converting Colors

YUV(231.3370, 2.2989, 9.3515)

Have a look what the booklet for
YUV(231.3370, 2.2989, 9.3515)
contains.

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Color

**YUV(231.3370, 2.2989,
9.3515)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E1EC
RGB	242, 225, 236
RGB Percent	95%, 88%, 93%
CMY	0.0510, 0.1176, 0.0745
CMYK	0.00, 0.07, 0.02, 0.05
HSL	321°, 40%, 92%
HSV	321°, 7%, 95%
XYZ	78.6835, 78.7838, 90.4166
YIQ	231.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

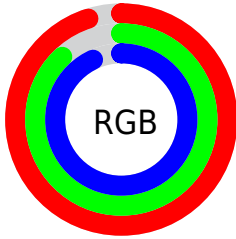
Format	Color
R_{YB}	242, 225, 236
Decimal	15917548
CIE Lab	91.14, 7.69, -3.27
CIE LCh	91, 8.353, 336.965
Yxy	78.7838, 0.3174, 0.3178
Android (android.graphics.Color)	4294107628 (0xFFFF2E1EC)
YUV	231.3370, 2.2989, 9.3515
Hunter-Lab	88.7602, 2.9049, 1.7357

Details

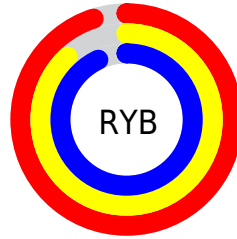
The YUV color $231.3370, 2.2989, 9.3515$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.6630, -2.2989, -9.3515$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.9240, 2.0095, 8.8367$ is the 20% darker color. If you saturate the color by 10%, you get $216.2230, 5.3131, 22.6064$, and if you desaturate by 10%, it is $246.4510, -0.7153, -3.9035$.

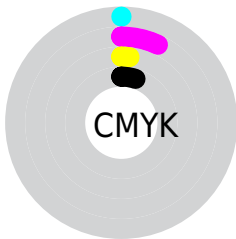
Distribution



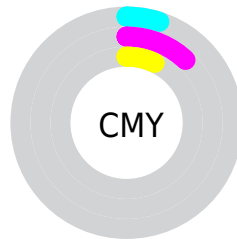
- Red (95%)
- Green (88%)
- Blue (93%)



- Red (95%)
- Yellow (88%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.3370, 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 231.3370, 2.2989, 9.3515 by changing the saturation by 10% instead.

231.3370, 2.2989,
9.3515

231.3370, 2.2989,
9.3515

255.0000, 0.0000,
0.0000

203.3370, 2.2989,
9.3515

175.9240, 2.0095,
8.8367

148.9240, 2.0095,
8.8367

123.6250, 2.1569,
8.2219

98.2120, 1.8675,
7.7071

74.3260, 2.3043,
7.6071

51.9130, 2.0149,

7.0923

■ 30.5000, 1.7255,
6.5775

■ 6.7500, 2.5882,
9.8663

■ 231.3370, 2.2989,
9.3515

■ 231.3370, 2.2989,
9.3515

■ 216.2230, 5.3131,
22.6064

■ 246.4510, -0.7153,
-3.9035

■ 201.2230, 8.7641,
35.7614

■ 250.8850, 1.0427,
-7.7921

■ 185.5220, 12.0677,
49.5312

■ 251.1130, 1.9163,
-7.9921

■ 170.5220, 15.5187,
62.6862

■ 155.4080, 18.5329,
75.9412

■ 140.4080, 21.9839,
89.0962

■ 125.2940, 24.9981,
102.3512

■ 109.7070, 28.7384,
116.0210

■ 94.5930, 31.7527,
129.2759

Harmonies

Analogous

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



230.8030, 5.5201, 2.8038



231.3370, 2.2989, 9.3515



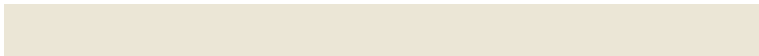
231.3330, -1.6432, 13.7400

Triad

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



231.3370, 2.2989, 9.3515



229.6710, -7.7258, 4.6735



227.6930, 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.



231.3370, 2.2989, 9.3515



235.6630, -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.



227.3680, 1.7906, -14.3547



231.3370, 2.2989, 9.3515



228.1970, -5.5201, -2.8038

Square

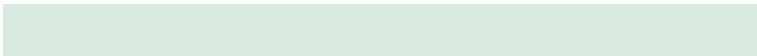
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.3370, 2.2989, 9.3515



230.1170, -7.4527, 10.4214



227.6630, -2.2989, -9.3515



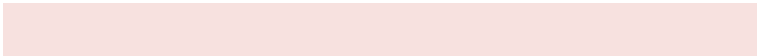
228.2850, 7.7475, -11.6509

Rectangle

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



231.3370, 2.2989, 9.3515



231.3500, -4.1165, 13.7251



227.6630, -2.2989, -9.3515



227.0520, 4.4114, -14.9546

Sweetspot

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



231.3370, 2.2989, 9.3515



251.8370, 0.5734, 2.7740



228.7320, 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.



231.3370, 2.2989, 9.3515



242.4620, 2.7302, 10.9958



230.4250, -1.1955, 10.1513



112.5000, 1.7255, 6.5775



68.5820, 24.8561, 101.2216



20.8480, 7.4699, 30.8283

Inverse Universe

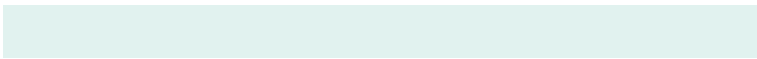
The Inverse Universe completely reimagines the original color for something new.



231.3370, 2.2989, 9.3515



242.4620, 2.7302, 10.9958



236.5750, 1.1955, -10.1513



112.5000, 1.7255, 6.5775



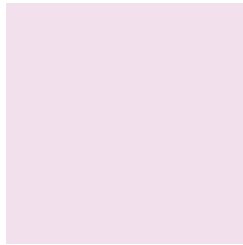
68.5820, 24.8561, 101.2216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 231.3370, 2.2989, 9.3515 looks on a white background.

Color Contrast Check

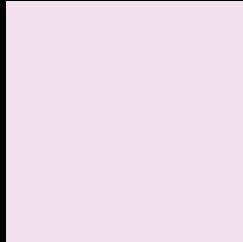
Large Text (above 18pt) WCAG AA × Fail

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 231.3370, 2.2989, 9.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

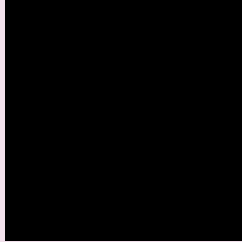
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.3370, 2.2989, 9.3515

Background



This preview shows how black text looks on a background with the YUV color 231.3370, 2.2989, 9.3515.



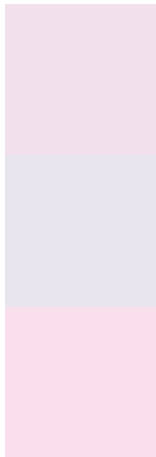
This preview shows how white text looks on a background with the YUV color 231.3370, 2.2989,

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

231.3370, 2.2989, 9.3515

Protanopia

230.0370, 3.9258, 0.8446

Deuteranopia

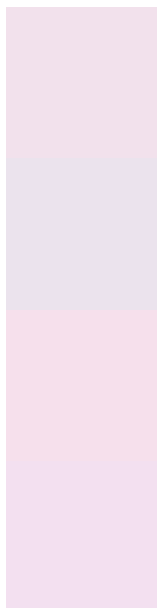
232.2560, 1.8458, 14.6845



Tritanopia

231.7330, 5.0616, 9.8812

Trichromacy



Original Color

231.3370, 2.2989, 9.3515

Protanomaly

230.5320, 3.1887, 3.9184

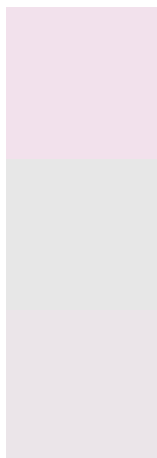
Deuteranomaly

231.9460, 1.9986, 12.3254

Tritanomaly

231.5050, 4.1880, 10.0811

Monochromacy



Original Color

231.3370, 2.2989, 9.3515

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.2500, 0.8628, 3.2887

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.3370, 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(242, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 236)  
}
```

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(242, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 236) }
```

Border

The CSS property to change the border of an element to YUV 231.3370, 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(242, 225, 236) }
```


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

```
.border{ border-color:rgb(242, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 231.3370, 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(242, 225, 236) }
```

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

```
.background{ background-color: rgb(242,  
225, 236) }
```

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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