

Converting Colors

YUV(229.6080, 4.6303, 8.2368)

Have a look what the booklet for
YUV(229.6080, 4.6303, 8.2368)
contains.

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Color

**YUV(229.6080, 4.6303,
8.2368)**

Conversions

Conversions Part 1	
Format	Color
Hex	EFDFEF
RGB	239, 223, 239
RGB Percent	94%, 87%, 94%
CMY	0.0627, 0.1255, 0.0627
CMYK	0.00, 0.07, 0.00, 0.06
HSL	300°, 33%, 91%
HSV	300°, 7%, 94%
XYZ	77.5643, 77.3581, 92.5049
YIQ	229.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

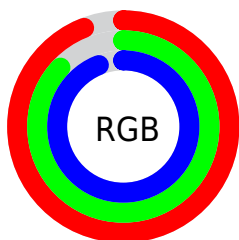
Format	Color
RYB	239, 223, 239
Decimal	15720431
CIELab	90.49, 8.25, -5.83
CIELCh	90, 10.102, 324.781
Yxy	77.3581, 0.3135, 0.3126
Android (android.graphics.Color)	4293910511 (0xFFEFDDEF)
YUV	229.6080, 4.6303, 8.2368
Hunter-Lab	87.9534, 3.4968, -0.7908

Details

The YUV color `229.6080, 4.6303, 8.2368` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `232.3920, -4.6303, -8.2368`, and the grayscale version is `230.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `174.1950, 4.3409, 7.7220` is the 20% darker color. If you saturate the color by 10%, you get `215.5200, 11.5756, 20.5920`, and if you desaturate by 10%, it is `243.6960, -2.3151, -4.1184`.

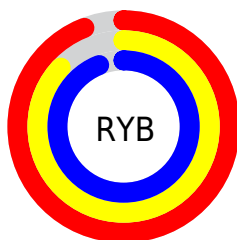
Distribution



Red (94%)

Green (87%)

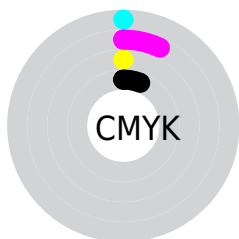
Blue (94%)



Red (94%)

Yellow (87%)

Blue (94%)

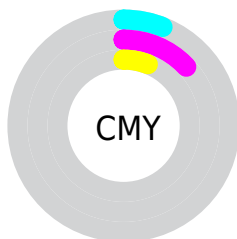


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (6%)


Magenta (13%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 229.6080, 4.6303, 8.2368 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 229.6080, 4.6303, 8.2368 by changing the saturation by 10% instead.


 229.6080, 4.6303,
8.2368


 229.6080, 4.6303,
8.2368


255.0000, 0.0000,
0.0000


 201.6080, 4.6303,
8.2368

 174.1950, 4.3409,
7.7220

 147.1950, 4.3409,
7.7220

 121.7820, 4.0515,
7.2072

 96.7820, 4.0515,
7.2072

 73.3690, 3.7621,
6.6924

 50.9560, 3.4727,

6.1776

■ 29.5430, 3.1833,
5.6628

■ 6.4940, 4.1935,
8.3368

■ 229.6080, 4.6303,
8.2368

■ 229.6080, 4.6303,
8.2368

■ 215.5200, 11.5756,
20.5920

■ 243.6960, -2.3151,
-4.1184

■ 201.4320, 18.5210,
32.9471

■ 248.3920, -4.6303,
-8.2368

■ 187.3440, 25.4664,
45.3023

■ 173.2560, 32.4118,
57.6575

■ 159.7550, 39.0678,
69.4979

■ 145.6670, 46.0132,
81.8530

■ 131.5790, 52.9586,
94.2082

■ 117.4910, 59.9039,
106.5634

■ 103.4030, 66.8493,
118.9186

Harmonies

Analogous

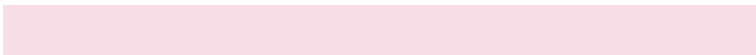
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.7640, 8.0043, -0.6700



229.6080, 4.6303, 8.2368



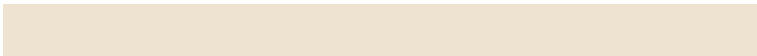
229.8000, 0.0986, 15.0844

Triad

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



229.6080, 4.6303, 8.2368



227.6500, -9.1945, 9.0769



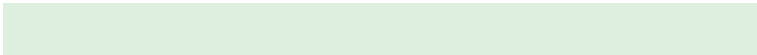
224.5570, 5.1484, -18.0285

Complementary

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



229.6080, 4.6303, 8.2368



232.3920, -4.6303, -8.2368

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.



225.0150, 0.4856, -15.7992



229.6080, 4.6303, 8.2368



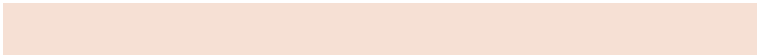
226.8230, -8.2937, 0.1552

Square

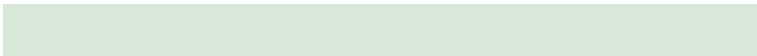
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.6080, 4.6303, 8.2368



229.2100, -8.4845, 14.7248



225.3920, -4.6303, -8.2368



225.7790, 8.4900, -16.4692

Rectangle

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



229.6080, 4.6303, 8.2368



229.6000, -3.2538, 17.0138



225.3920, -4.6303, -8.2368



224.8020, 3.5486, -18.2434

Sweetspot

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



229.6080, 4.6303, 8.2368



252.0650, 1.4470, 2.5740



224.8240, 6.9888, -1.5996



126.2390, 0.8682, 1.5444



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.



229.6080, 4.6303, 8.2368



243.2600, 5.7878, 10.2960



228.6960, 1.1359, 9.0366



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Inverse Universe

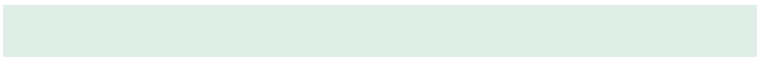
The Inverse Universe completely reimagines the original color for something new.



229.6080, 4.6303, 8.2368



243.2600, 5.7878, 10.2960



233.3040, -1.1359, -9.0366



112.9560, 3.4727, 6.1776



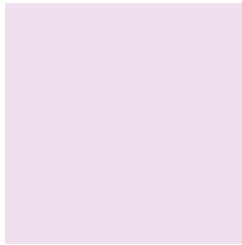
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 229.6080, 4.6303, 8.2368 looks on a white background.

Color Contrast Check

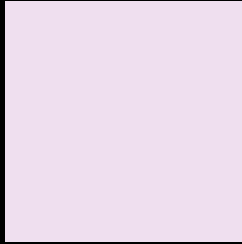
Large Text (above 18pt) WCAG AA × Fail

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 229.6080, 4.6303, 8.2368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

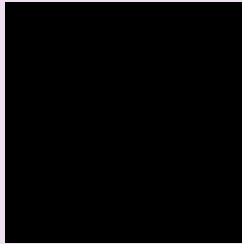
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

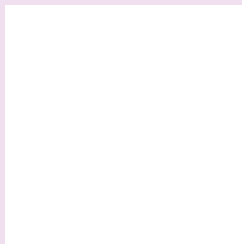
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.6080, 4.6303, 8.2368

Background



This preview shows how black text looks on a background with the YUV color 229.6080, 4.6303, 8.2368.



This preview shows how white text looks on a background with the YUV color 229.6080, 4.6303, 8.2368.

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

229.6080, 4.6303, 8.2368

Protanopia

228.3080, 6.2572, -0.2701

Deuteranopia

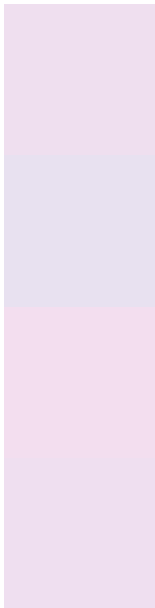
230.2280, 4.3246, 12.9550



Tritanopia

229.7220, 5.0671, 8.1368

Trichromacy



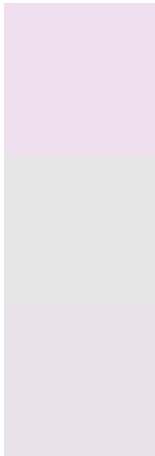
Original Color
229.6080, 4.6303, 8.2368

Protanomaly
228.8030, 5.5201, 2.8038

Deuteranomaly
230.2170, 4.3300, 11.2107

Tritanomaly
229.7220, 5.0671, 8.1368

Monochromacy



Original Color
229.6080, 4.6303, 8.2368

Achromatopsia
230.0000, 0.0000, 0.0000

Achromatomaly
229.4780, 1.7363, 3.0888

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.6080, 4.6303, 8.2368 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, 223, 239) looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 239)  
}
```

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, 223, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 239) }
```

Border

The CSS property to change the border of an element to YUV 229.6080, 4.6303, 8.2368 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, 223, 239) }
```


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

```
.border{ border-color:rgb(239, 223, 239) }
```

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

Here you see how a box with a 4 pixel rgb(239, 223, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 229.6080, 4.6303, 8.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 239) }
```

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

```
.background{ background-color: rgb(239,  
223, 239) }
```

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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