

Converting Colors

YUV(230.1620, 7.8081, 15.6439)

Have a look what the booklet for
YUV(230.1620, 7.8081, 15.6439)
contains.

YUV(230.1620, 7.8081, 15.6439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(230.1620, 7.8081,
15.6439)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DAF6
RGB	248, 218, 246
RGB Percent	97%, 85%, 96%
CMY	0.0275, 0.1451, 0.0353
CMYK	0.00, 0.12, 0.01, 0.03
HSL	304°, 68%, 91%
HSV	304°, 12%, 97%
XYZ	80.4174, 76.7531, 97.7652
YIQ	230.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

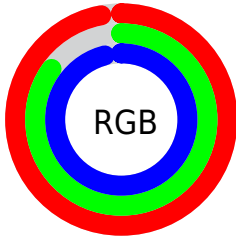
Format	Color
R _Y B	248, 218, 246
Decimal	16308982
CIE Lab	90.21, 15.11, -9.83
CIE LCh	90, 18.028, 326.958
Yxy	76.7531, 0.3154, 0.3011
Android (android.graphics.Color)	4294499062 (0xFFF8DAF6)
YUV	230.1620, 7.8081, 15.6439
Hunter-Lab	87.6088, 10.5321, -4.8372

Details

The YUV color $230.1620, 7.8081, 15.6439$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $235.8380, -7.8081, -15.6439$, 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 $174.4500, 7.6662, 14.5144$ is the 20% darker color. If you saturate the color by 10%, you get $215.2590, 14.1693, 28.7139$, and if you desaturate by 10%, it is $245.0650, 1.4470, 2.5740$.

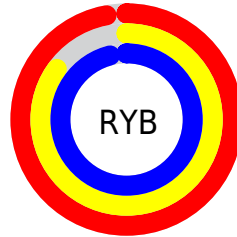
Distribution



Red (97%)

Green (85%)

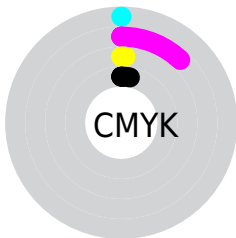
Blue (96%)



Red (97%)

Yellow (85%)

Blue (96%)

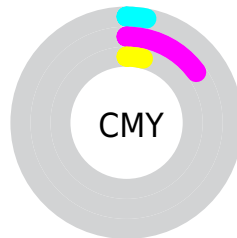


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (3%)



Cyan (3%)


Magenta (15%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 230.1620, 7.8081, 15.6439 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 230.1620, 7.8081, 15.6439 by changing the saturation by 10% instead.

 230.1620, 7.8081,
15.6439

 230.1620, 7.8081,
15.6439


255.0000, 0.0000,
0.0000


 201.8630, 7.9555,
15.0291

 174.4500, 7.6662,
14.5144

 148.0370, 7.3768,
13.9996

 121.9230, 6.9400,
14.0995

 97.2110, 6.7980,
12.9700

 73.2110, 6.7980,
12.9700

 50.3850, 6.2192,

11.9404

■ 28.9720, 5.9298,
11.4256

■ 9.2710, 5.7824,
12.0403

■ 230.1620, 7.8081,
15.6439

■ 230.1620, 7.8081,
15.6439

■ 215.2590, 14.1693,
28.7139

■ 245.0650, 1.4470,
2.5740

■ 200.4700, 20.9673,
41.6838

■ 252.2230, -1.5889,
-3.7036

■ 186.1540, 27.0391,
54.2389

■ 252.4510, -0.7153,
-3.9035

■ 171.2510, 33.4003,
67.3089

■ 252.6790, 0.1583,
-4.1035

■ 156.4620, 40.1982,
80.2788

■ 252.7930, 0.5951,
-4.2035

■ 141.5590, 46.5594,
93.3488

■ 252.9070, 1.0318,
-4.3034

■ 126.6560, 52.9206,
106.4187

■ 112.4540, 59.4292,
118.8738

■ 100.4860, 64.3434,
129.3698

Harmonies

Analogous

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



228.1430, 13.2405, -0.1254



230.1620, 7.8081, 15.6439



228.5560, 0.2189, 23.1914

Triad

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



230.1620, 7.8081, 15.6439



226.7340, -16.6309, 14.2653



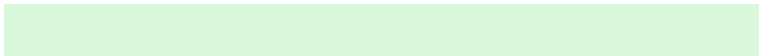
221.1250, 10.2914, -34.3126

Complementary

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



230.1620, 7.8081, 15.6439



235.8380, -7.8081, -15.6439

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.



221.1660, 1.3972, -28.2096



230.1620, 7.8081, 15.6439



224.9170, -14.2561, -0.8042

Square

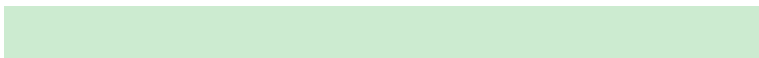
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



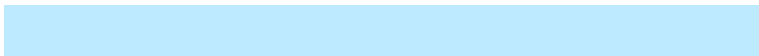
230.1620, 7.8081, 15.6439



228.0710, -14.3320, 23.6167



222.6530, -7.2239, -16.3587



222.9390, 15.8061, -29.7645

Rectangle

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



230.1620, 7.8081, 15.6439



227.3020, -4.5859, 24.2911



222.6530, -7.2239, -16.3587



220.7400, 7.5232, -33.0980

Sweetspot

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



230.1620, 7.8081, 15.6439



249.0160, 2.4571, 5.2480



222.0180, 12.8091, -1.7698



123.7770, 1.5889, 3.7036



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.



230.1620, 7.8081, 15.6439



232.3520, 9.6865, 19.8623



228.4520, 1.2562, 17.1436



117.2550, 3.3253, 6.7924



76.5750, 49.0165, 98.5967



24.7370, 15.9057, 31.8027

Inverse Universe

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



230.1620, 7.8081, 15.6439



232.3520, 9.6865, 19.8623



237.5480, -1.2562, -17.1436



117.2550, 3.3253, 6.7924



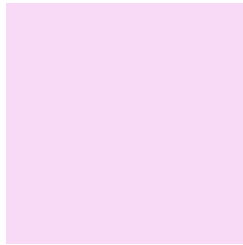
76.5750, 49.0165, 98.5967



24.7370, 15.9057, 31.8027

Previews

White Background



This preview shows how the YUV color 230.1620, 7.8081, 15.6439 looks on a white background.

Color Contrast Check

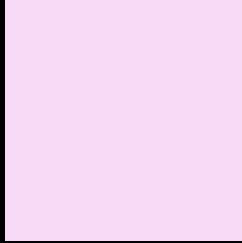
Large Text (above 18pt) WCAG AA × Fail

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 230.1620, 7.8081, 15.6439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

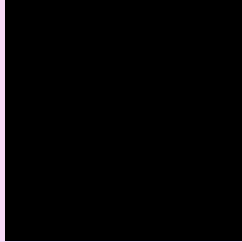
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.1620, 7.8081, 15.6439

Background



This preview shows how black text looks on a background with the YUV color 230.1620, 7.8081, 15.6439.



This preview shows how white text looks on a background with the YUV color 230.1620, 7.8081, 15.6439.

15.6439.

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

230.1620, 7.8081, 15.6439

Protanopia

228.2520, 11.2148, -3.7290

Deuteranopia

229.7160, 7.5350, 9.8961



Tritanopia

230.0110, 3.4456, 14.8994

Trichromacy



Original Color

230.1620, 7.8081, 15.6439

Protanomaly

228.9540, 9.8827, 3.5483

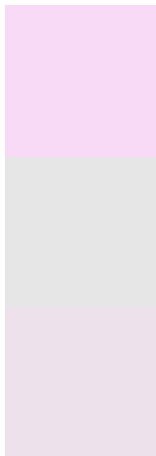
Deuteranomaly

230.0260, 7.3822, 12.2552

Tritanomaly

229.7660, 5.0454, 15.1142

Monochromacy



Original Color

230.1620, 7.8081, 15.6439

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.4290, 2.7465, 5.7628

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.1620, 7.8081, 15.6439 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(248, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 246)  
}
```

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(248, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 246) }
```

Border

The CSS property to change the border of an element to YUV 230.1620, 7.8081, 15.6439 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(248, 218, 246) }
```


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

```
.border{ border-color:rgb(248, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 218,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 230.1620, 7.8081, 15.6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 246) }
```

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

```
.background{ background-color: rgb(248,  
218, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor