

Converting Colors

YUV(227.8050, 2.5611, 18.5880)

Have a look what the booklet for
YUV(227.8050, 2.5611, 18.5880)
contains.

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Color

**YUV(227.8050, 2.5611,
18.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D8E9
RGB	249, 216, 233
RGB Percent	98%, 85%, 91%
CMY	0.0235, 0.1529, 0.0863
CMYK	0.00, 0.13, 0.06, 0.02
HSL	329°, 73%, 91%
HSV	329°, 13%, 98%
XYZ	78.3308, 75.1347, 87.4648
YIQ	227.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

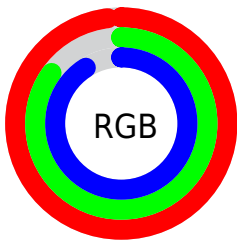
Format	Color
R_{YB}	249, 216, 233
Decimal	16373993
CIE _{Lab}	89.46, 14.23, -4.10
CIE _{LCh}	89, 14.805, 343.935
Yxy	75.1347, 0.3251, 0.3119
Android (android.graphics.Color)	4294564073 (0xFFFF9D8E9)
YUV	227.8050, 2.5611, 18.5880
Hunter-Lab	86.6803, 9.6155, 0.8496

Details

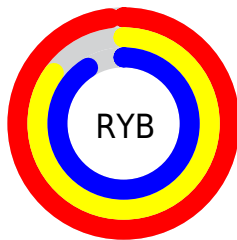
The YUV color $227.8050, 2.5611, 18.5880$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.1950, -2.5611, -18.5880$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.0930, 2.4192, 17.4584$ is the 20% darker color. If you saturate the color by 10%, you get $211.7620, 4.5543, 32.6577$, and if you desaturate by 10%, it is $243.8480, 0.5679, 4.5183$.

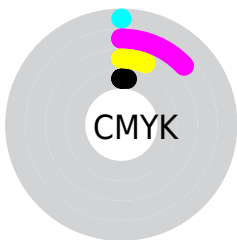
Distribution



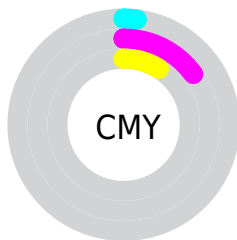
- Red (98%)
- Green (85%)
- Blue (91%)



- Red (98%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.8050, 2.5611, 18.5880 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 227.8050, 2.5611, 18.5880 by changing the saturation by 10% instead.

227.8050, 2.5611,
18.5880

227.8050, 2.5611,
18.5880

255.0000, 0.0000,
0.0000

199.5060, 2.7085,
17.9732

172.0930, 2.4192,
17.4584

145.7940, 2.5666,
16.8437

119.7940, 2.5666,
16.8437

95.0820, 2.4246,
15.7141

71.3700, 2.2826,
14.5845

48.9570, 1.9932,

14.0697

■ 27.3590, 2.2880,
12.8402

■ 7.7890, 0.1040,
13.3400

■ 227.8050, 2.5611,
18.5880

■ 227.8050, 2.5611,
18.5880

■ 211.7620, 4.5543,
32.6577

■ 243.8480, 0.5679,
4.5183

■ 195.7190, 6.5475,
46.7274

■ 253.2060, 0.8844,
-3.6887

■ 179.6760, 8.5407,
60.7971

■ 163.6330, 10.5339,
74.8669

■ 148.1770, 12.2377,
88.4218

■ 132.1340, 14.2309,
102.4915

■ 115.9770, 15.7873,
116.6612

■ 99.9340, 17.7805,
130.7309

■ 89.0430, 19.2058,
140.2823

Harmonies

Analogous

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



227.0470, 8.8508, 7.8518



227.8050, 2.5611, 18.5880



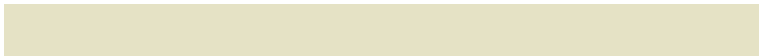
227.4160, -4.1491, 24.1912

Triad

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



227.8050, 2.5611, 18.5880



223.5910, -13.1094, 4.7437



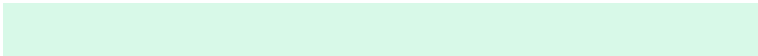
221.1090, 11.2853, -26.4056

Complementary

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



227.8050, 2.5611, 18.5880



237.1950, -2.5611, -18.5880

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.



219.9150, 5.4649, -26.2355



227.8050, 2.5611, 18.5880



221.9530, -8.8508, -7.8518

Square

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



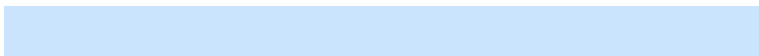
227.8050, 2.5611, 18.5880



225.2550, -13.4367, 16.4394



220.7110, -1.8295, -19.9175



222.6630, 14.4631, -18.9985

Rectangle

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



227.8050, 2.5611, 18.5880



226.9770, -8.3697, 24.5762



220.7110, -1.8295, -19.9175



220.0550, 9.8329, -27.2352

Sweetspot

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



227.8050, 2.5611, 18.5880



248.5600, 0.7099, 5.6479



224.5460, 12.0558, 6.5372



123.4350, 0.2785, 4.0035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

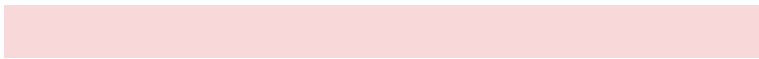
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.8050, 2.5611, 18.5880



228.6530, 3.1291, 23.1063



225.9810, -4.4276, 20.1877



116.6850, 1.1413, 7.2923



67.5690, 14.5095, 106.4950



21.8870, 4.9857, 34.3021

Inverse Universe

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



227.8050, 2.5611, 18.5880



228.6530, 3.1291, 23.1063



239.0190, 4.4276, -20.1877



116.6850, 1.1413, 7.2923



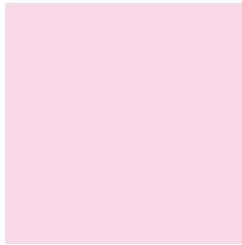
67.5690, 14.5095, 106.4950



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 227.8050, 2.5611, 18.5880 looks on a white background.

Color Contrast Check

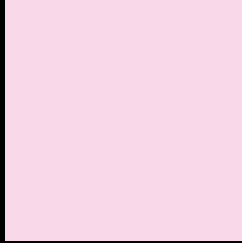
Large Text (above 18pt) WCAG AA × Fail

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 227.8050, 2.5611, 18.5880 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 227.8050, 2.5611, 18.5880

Background



This preview shows how black text looks on a background with the YUV color 227.8050, 2.5611, 18.5880.



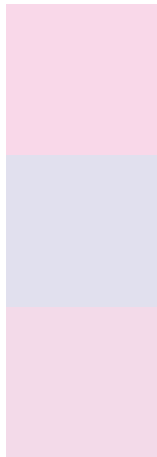
This preview shows how white text looks on a background with the YUV color 227.8050, 2.5611,

18.5880.

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

227.8050, 2.5611, 18.5880

Protanopia

225.8950, 5.9678, -0.7849

Deuteranopia

227.1850, 2.8668, 13.8698



Tritanopia

227.8050, 2.5611, 18.5880

Trichromacy



Original Color

227.8050, 2.5611, 18.5880

Protanomaly

226.5970, 4.6357, 6.4924

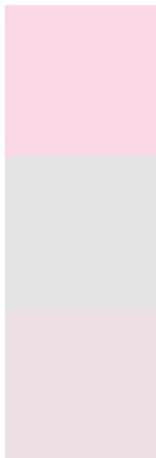
Deuteranomaly

227.1960, 2.8614, 15.6141

Tritanomaly

227.8050, 2.5611, 18.5880

Monochromacy



Original Color

227.8050, 2.5611, 18.5880

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2720, 0.8519, 6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.8050, 2.5611, 18.5880 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(249, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 233)  
}
```

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(249, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 233) }
```

Border

The CSS property to change the border of an element to YUV 227.8050, 2.5611, 18.5880 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(249, 216, 233) }
```


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

```
.border{ border-color:rgb(249, 216, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 227.8050, 2.5611, 18.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 233) }
```

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

```
.background{ background-color: rgb(249,  
216, 233) }
```

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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