

Converting Colors

YUV(215.1880, 15.1903,
27.8991)

Have a look what the booklet for
YUV(215.1880, 15.1903, 27.8991)
contains.

YUV(215.1880, 15.1903, 27.8991)	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(215.1880, 15.1903,
27.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C1F6
RGB	247, 193, 246
RGB Percent	97%, 76%, 96%
CMY	0.0314, 0.2431, 0.0353
CMYK	0.00, 0.22, 0.00, 0.03
HSL	301°, 77%, 86%
HSV	301°, 22%, 97%
XYZ	74.0623, 64.5679, 95.7481
YIQ	215.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

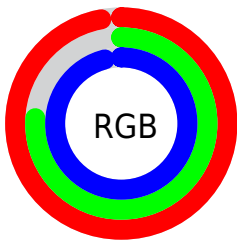
Format	Color
RYB	247, 193, 246
Decimal	16237046
CIELab	84.26, 27.95, -18.75
CIElCh	84, 33.652, 326.145
Yxy	64.5679, 0.3160, 0.2755
Android (android.graphics.Color)	4294427126 (0xFFFF7C1F6)
YUV	215.1880, 15.1903, 27.8991
Hunter-Lab	80.3542, 23.9034, -14.4007

Details

The YUV color **215.1880, 15.1903, 27.8991** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **224.8120, -15.1903, -27.8991**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.0650, 1.4470, 2.5740**, and **160.0630, 14.7589, 26.2547** is the 20% darker color. If you saturate the color by 10%, you get **200.5130, 22.4251, 40.7691**, and if you desaturate by 10%, it is **229.8630, 7.9555, 15.0291**.

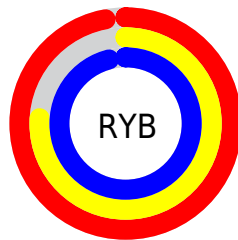
Distribution



Red (97%)

Green (76%)

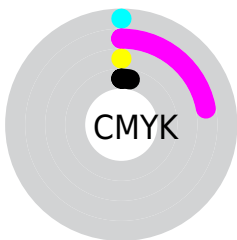
Blue (96%)



Red (97%)

Yellow (76%)

Blue (96%)

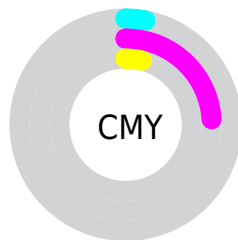


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (3%)


Magenta (24%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 215.1880, 15.1903, 27.8991 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 215.1880, 15.1903, 27.8991 by changing the saturation by 10% instead.


 215.1880, 15.1903,
27.8991


 215.1880, 15.1903,
27.8991

255.0000, 0.0000,
0.0000


 187.3620, 14.6115,
26.8695


 252.0650, 1.4470,
2.5740

 160.0630, 14.7589,
26.2547

 133.6500, 14.4695,
25.7399

 107.8240, 13.8908,
24.7104

 83.1120, 13.7488,
23.5808

 59.2860, 13.1700,
22.5512

 35.9870, 13.3174,

21.9364

■ 16.3350, 12.1598,
19.8772

■ 2.1660, 8.2992,
-1.8996

■ 215.1880, 15.1903,
27.8991

■ 215.1880, 15.1903,
27.8991

■ 200.5130, 22.4251,
40.7691

■ 229.8630, 7.9555,
15.0291

■ 186.3110, 28.9337,
53.2243

■ 244.0650, 1.4470,
2.5740

■ 171.6360, 36.1685,
66.0942

■ 251.6960, -2.3151,
-4.1184

■ 156.8470, 42.9664,
79.0642

■ 251.8100, -1.8783,
-4.2184

■ 142.7590, 49.9118,
91.4194

■ 251.9240, -1.4415,
-4.3183

■ 127.9700, 56.7098,
104.3893

■ 252.0380, -1.0047,
-4.4183

■ 113.2950, 63.9446,
117.2593

■ 101.4410, 69.2956,
127.6552

Harmonies

Analogous

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



211.3090, 21.5397, -2.0250



215.1880, 15.1903, 27.8991



210.6380, 2.6435, 38.9055

Triad

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



215.1880, 15.1903, 27.8991



209.1300, -30.6301, 24.4420



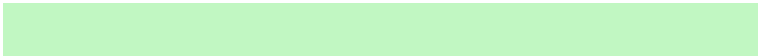
193.4560, 21.4672, -72.3139

Complementary

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



215.1880, 15.1903, 27.8991



224.8120, -15.1903, -27.8991

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.



196.6740, 4.1047, -56.7191



215.1880, 15.1903, 27.8991



205.8170, -26.0388, -1.5935

Square

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



215.1880, 15.1903, 27.8991



209.4230, -24.8585, 39.9710



201.2570, -13.4377, -30.0434



196.7480, 28.7182, -64.6770

Rectangle

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



215.1880, 15.1903, 27.8991



208.1300, -6.9661, 41.1050



201.2570, -13.4377, -30.0434



194.0990, 16.2202, -69.3698

Sweetspot

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



215.1880, 15.1903, 27.8991



244.4340, 5.2090, 9.2664



199.4550, 23.4397, -4.7840



121.4290, 2.7465, 5.7628



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.



215.1880, 15.1903, 27.8991



216.1440, 18.6630, 34.0767



212.1100, 3.3968, 30.5985



114.9560, 3.4727, 6.1776



76.4760, 52.5163, 96.0525



24.2530, 16.6373, 30.4731

Inverse Universe

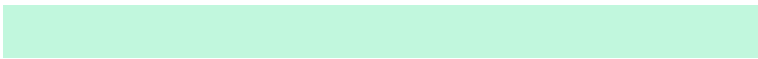
The Inverse Universe completely reimagines the original color for something new.



215.1880, 15.1903, 27.8991



216.1440, 18.6630, 34.0767



227.8900, -3.3968, -30.5985



114.9560, 3.4727, 6.1776



76.4760, 52.5163, 96.0525



24.2530, 16.6373, 30.4731

Previews

White Background



This preview shows how the YUV color 215.1880, 15.1903, 27.8991 looks on a white background.

Color Contrast Check

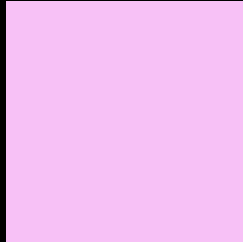
Large Text (above 18pt) WCAG AA × Fail

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 215.1880, 15.1903, 27.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

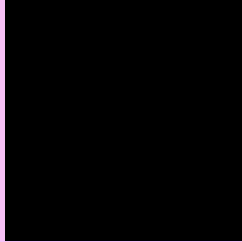
Any Text WCAG AA ✓ Pass

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 215.1880, 15.1903, 27.8991 Background



This preview shows how black text looks on a background with the YUV color 215.1880, 15.1903, 27.8991.



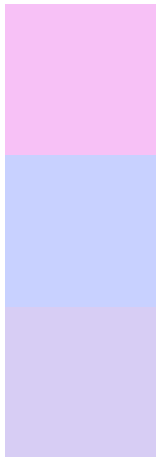
This preview shows how white text looks on a background with the YUV color 215.1880, 15.1903,

27.8991.

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

215.1880, 15.1903, 27.8991

Protanopia

211.5530, 21.4194, -10.1320

Deuteranopia

212.4360, 15.5611, 2.2486



Tritanopia

213.8660, 0.0661, 25.5505

Trichromacy



Original Color

215.1880, 15.1903, 27.8991



Protanomaly

212.7720, 19.3394, 3.7080



Deuteranomaly

213.7900, 15.3865, 11.5852



Tritanomaly

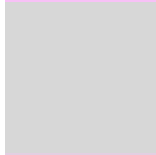
214.3590, 5.7390, 25.9952

Monochromacy



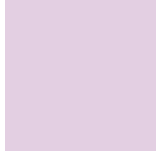
Original Color

215.1880, 15.1903, 27.8991



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.1460, 5.3510, 10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.1880, 15.1903, 27.8991 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(247, 193, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 193, 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(247, 193, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 193, 246) }
```

Border

The CSS property to change the border of an element to YUV 215.1880, 15.1903, 27.8991 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(247, 193, 246) }
```


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

```
.border{ border-color:rgb(247, 193, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 193, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 193, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 193, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 193,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 215.1880, 15.1903, 27.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 193, 246) }
```

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

```
.background{ background-color: rgb(247,  
193, 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