

Converting Colors

YUV(222.2180, 2.8505, 19.1028)

Have a look what the booklet for
YUV(222.2180, 2.8505, 19.1028)
contains.

YUV(222.2180, 2.8505, 19.1028)	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(222.2180, 2.8505,
19.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D2E4
RGB	244, 210, 228
RGB Percent	96%, 82%, 89%
CMY	0.0431, 0.1765, 0.1059
CMYK	0.00, 0.14, 0.07, 0.04
HSL	328°, 61%, 89%
HSV	328°, 14%, 96%
XYZ	74.3584, 70.9277, 83.1701
YIQ	222.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

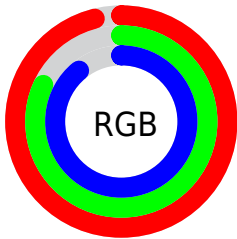
Format	Color
R_{YB}	244, 210, 228
Decimal	16044772
CIE _{Lab}	87.45, 14.81, -4.46
CIE _{LCh}	87, 15.469, 343.236
Yxy	70.9277, 0.3255, 0.3105
Android (android.graphics.Color)	4294234852 (0xFFFF4D2E4)
YUV	222.2180, 2.8505, 19.1028
Hunter-Lab	84.2186, 10.2189, 0.4012

Details

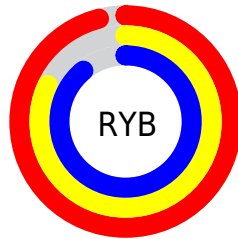
The YUV color $222.2180, 2.8505, 19.1028$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $231.7820, -2.8505, -19.1028$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.9190, 2.9979, 18.4880$ is the 20% darker color. If you saturate the color by 10%, you get $206.8760, 4.9911, 32.5577$, and if you desaturate by 10%, it is $237.5600, 0.7099, 5.6479$.

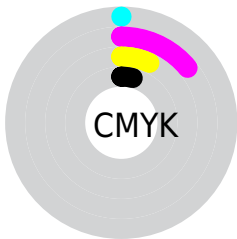
Distribution



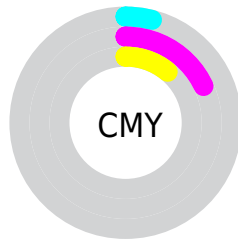
- Red (96%)
- Green (82%)
- Blue (89%)



- Red (96%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2180, 2.8505, 19.1028 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 222.2180, 2.8505, 19.1028 by changing the saturation by 10% instead.

222.2180, 2.8505,
19.1028

222.2180, 2.8505,
19.1028

255.0000, 0.0000,
0.0000

193.9190, 2.9979,
18.4880

166.9190, 2.9979,
18.4880

140.2070, 2.8559,
17.3585

114.7940, 2.5666,
16.8437

90.4950, 2.7140,
16.2289

66.7830, 2.5720,
15.0993

44.1850, 2.8668,

13.8698

■ 22.8860, 3.0142,
13.2550

■ 2.9900, -1.4741,
6.1478

■ 222.2180, 2.8505,
19.1028

■ 222.2180, 2.8505,
19.1028

■ 206.8760, 4.9911,
32.5577

■ 237.5600, 0.7099,
5.6479

■ 190.8330, 6.9843,
46.6275

■ 251.2550, -0.1257,
-6.3626

■ 175.4910, 9.1249,
60.0824

■ 251.7110, 1.6215,
-6.7625

■ 159.4480, 11.1181,
74.1521

■ 144.1060, 13.2587,
87.6070

■ 128.6500, 14.9625,
101.1619

■ 112.7210, 17.3925,
115.1317

■ 97.2650, 19.0964,
128.6866

■ 87.6620, 20.3796,
137.1084

Harmonies

Analogous

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



221.2750, 9.7244, 7.6518



222.2180, 2.8505, 19.1028



222.0140, -4.4439, 25.4207

Triad

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



222.2180, 2.8505, 19.1028



217.8900, -13.2568, 5.3585



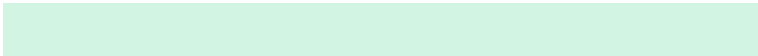
214.6250, 12.0169, -27.7351

Complementary

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



222.2180, 2.8505, 19.1028



231.7820, -2.8505, -19.1028

Split Complementary

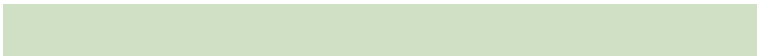
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214.2030, 5.3229, -27.3650



222.2180, 2.8505, 19.1028



215.8390, -9.2876, -7.7518

Square

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



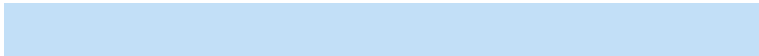
222.2180, 2.8505, 19.1028



219.4400, -14.0209, 17.1541



214.5970, -2.2663, -19.8176



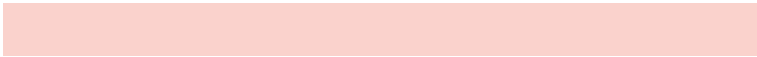
217.0650, 14.7580, -20.2280

Rectangle

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



222.2180, 2.8505, 19.1028



221.2760, -8.5171, 25.1909



214.5970, -2.2663, -19.8176



214.4570, 10.1277, -28.4648

Sweetspot

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



222.2180, 2.8505, 19.1028



248.5600, 0.7099, 5.6479



218.6600, 12.4926, 6.4372



123.5490, 0.7153, 3.9035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

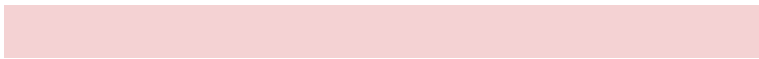
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.2180, 2.8505, 19.1028



227.4790, 3.7079, 24.1359



220.2800, -4.5750, 20.8024



114.3860, 1.2887, 6.6775



66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Inverse Universe

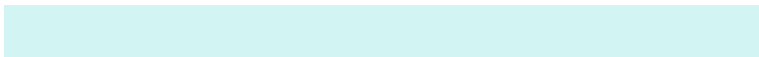
The Inverse Universe completely reimagines the original color for something new.



222.2180, 2.8505, 19.1028



227.4790, 3.7079, 24.1359



233.7200, 4.5750, -20.8024



114.3860, 1.2887, 6.6775



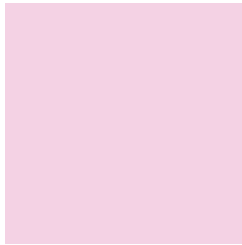
66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 222.2180, 2.8505, 19.1028 looks on a white background.

Color Contrast Check

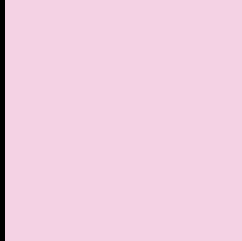
Large Text (above 18pt) WCAG AA × Fail

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 222.2180, 2.8505, 19.1028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

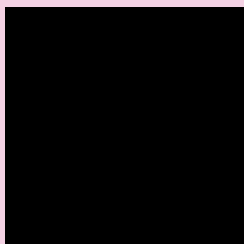
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.2180, 2.8505, 19.1028

Background



This preview shows how black text looks on a background with the YUV color 222.2180, 2.8505, 19.1028.

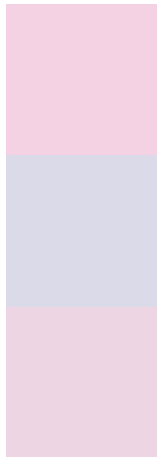


This preview shows how white text looks on a background with the YUV color 222.2180, 2.8505,

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

222.2180, 2.8505, 19.1028

Protanopia

220.0090, 6.4046, -0.8849

Deuteranopia

221.7720, 2.5774, 13.3550



Tritanopia

222.1040, 2.4137, 19.2028

Trichromacy



Original Color

222.2180, 2.8505, 19.1028

Protanomaly

220.7110, 5.0725, 6.3925

Deuteranomaly

222.0820, 2.4246, 15.7141

Tritanomaly

222.1040, 2.4137, 19.2028

Monochromacy



Original Color

222.2180, 2.8505, 19.1028

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.2720, 0.8519, 6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2180, 2.8505, 19.1028 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(244, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(244, 210, 228)  
}
```

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(244, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 210, 228) }
```

Border

The CSS property to change the border of an element to YUV 222.2180, 2.8505, 19.1028 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(244, 210, 228) }
```


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

```
.border{ border-color:rgb(244, 210, 228) }
```

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

Here you see how a box with a 4 pixel rgb(244, 210, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 210, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 210, 228);  
box-shadow:4px 4px 4px 4px rgb(244, 210,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 222.2180, 2.8505, 19.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 210, 228) }
```

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

```
.background{ background-color: rgb(244,  
210, 228) }
```

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