

Converting Colors

YUV(233.2180, 2.8505, 19.1028)

Have a look what the booklet for
YUV(233.2180, 2.8505, 19.1028)
contains.

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Color

**YUV(233.2180, 2.8505,
19.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDEF
RGB	255, 221, 239
RGB Percent	100%, 87%, 94%
CMY	0.0000, 0.1333, 0.0627
CMYK	0.00, 0.13, 0.06, 0.00
HSL	328°, 100%, 93%
HSV	328°, 13%, 100%
XYZ	82.6764, 79.2049, 92.5919
YIQ	233.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

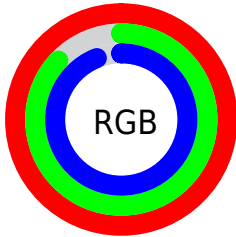
Format	Color
R _Y B	255, 221, 239
Decimal	16768495
CIE Lab	91.33, 14.68, -4.44
CIE LCh	91, 15.332, 343.184
Yxy	79.2049, 0.3249, 0.3113
Android (android.graphics.Color)	4294958575 (0xFFFFDDEF)
YUV	233.2180, 2.8505, 19.1028
Hunter-Lab	88.9971, 10.0777, 0.6131

Details

The YUV color $233.2180, 2.8505, 19.1028$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $242.7820, -2.8505, -19.1028$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.5060, 2.7085, 17.9732$ is the 20% darker color. If you saturate the color by 10%, you get $217.1750, 4.8437, 33.1725$, and if you desaturate by 10%, it is $249.8480, 0.5679, 4.5183$.

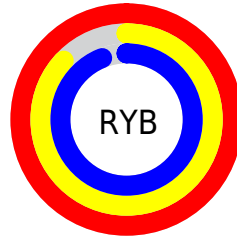
Distribution



Red (100%)

Green (87%)

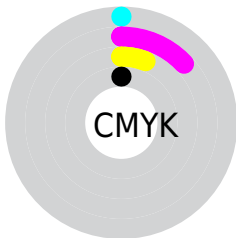
Blue (94%)



Red (100%)

Yellow (87%)

Blue (94%)

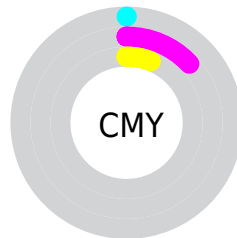


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.2180, 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 233.2180, 2.8505, 19.1028 by changing the saturation by 10% instead.

233.2180, 2.8505,
19.1028

233.2180, 2.8505,
19.1028

255.0000, 0.0000,
0.0000

204.9190, 2.9979,
18.4880

177.5060, 2.7085,
17.9732

150.5060, 2.7085,
17.9732

124.7940, 2.5666,
16.8437

99.4950, 2.7140,
16.2289

75.7830, 2.5720,
15.0993

52.4840, 2.7194,

14.4845

■ 31.0710, 2.4300,
13.9697

■ 10.0820, 2.4246,
15.7141

■ 233.2180, 2.8505,
19.1028

■ 233.2180, 2.8505,
19.1028

■ 217.1750, 4.8437,
33.1725

■ 249.8480, 0.5679,
4.5183

■ 200.5450, 7.1263,
47.7570

255.0000, 0.0000,
0.0000

■ 184.5020, 9.1195,
61.8267

■ 167.8720, 11.4021,
76.4113

■ 151.8290, 13.3953,
90.4810

■ 135.1990, 15.6779,
105.0655

■ 119.1560, 17.6711,
119.1352

■ 102.5260, 19.9537,
133.7197

■ 91.6350, 21.3789,
143.2711

Harmonies

Analogous

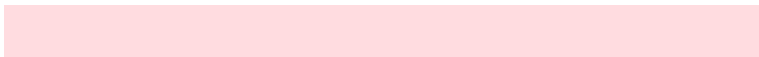
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.2750, 9.7244, 7.6518



233.2180, 2.8505, 19.1028



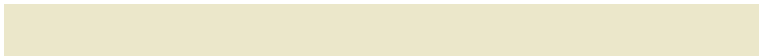
230.9210, -3.4121, 21.1173

Triad

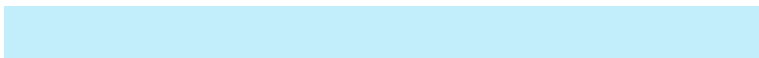
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.2180, 2.8505, 19.1028



228.8900, -13.2568, 5.3585



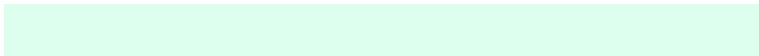
225.6250, 12.0169, -27.7351

Complementary

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



233.2180, 2.8505, 19.1028



242.7820, -2.8505, -19.1028

Split Complementary

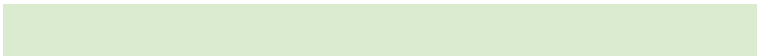
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.2030, 5.3229, -27.3650



233.2180, 2.8505, 19.1028



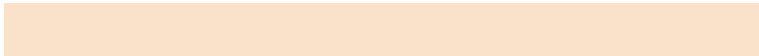
226.8390, -9.2876, -7.7518

Square

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



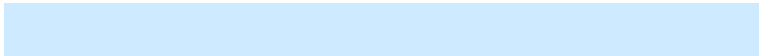
233.2180, 2.8505, 19.1028



230.4400, -14.0209, 17.1541



225.5970, -2.2663, -19.8176



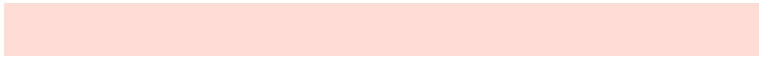
227.7230, 13.4476, -19.9281

Rectangle

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



233.2180, 2.8505, 19.1028



230.4820, -7.6326, 21.5023



225.5970, -2.2663, -19.8176



225.4570, 10.1277, -28.4648

Sweetspot

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



233.2180, 2.8505, 19.1028



248.5600, 0.7099, 5.6479



229.6600, 12.4926, 6.4372



123.5490, 0.7153, 3.9035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

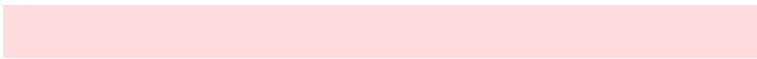
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.2180, 2.8505, 19.1028



228.7670, 3.5659, 23.0063



231.2800, -4.5750, 20.8024



119.6850, 1.1413, 7.2923



68.6230, 15.9619, 107.3246



23.0120, 5.4171, 35.9465

Inverse Universe

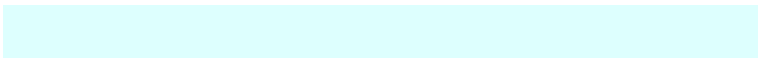
The Inverse Universe completely reimagines the original color for something new.



233.2180, 2.8505, 19.1028



228.7670, 3.5659, 23.0063



244.7200, 4.5750, -20.8024



119.6850, 1.1413, 7.2923



68.6230, 15.9619, 107.3246



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 233.2180, 2.8505, 19.1028 looks on a white background.

Color Contrast Check

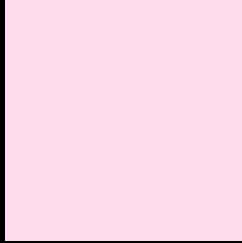
Large Text (above 18pt) WCAG AA × Fail

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 233.2180, 2.8505, 19.1028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

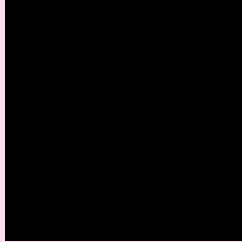
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.2180, 2.8505, 19.1028

Background



This preview shows how black text looks on a background with the YUV color 233.2180, 2.8505, 19.1028.



This preview shows how white text looks on a background with the YUV color 233.2180, 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

233.2180, 2.8505, 19.1028

Protanopia

231.0090, 6.4046, -0.8849

Deuteranopia

232.5980, 3.1562, 14.3846



Tritanopia

233.1040, 2.4137, 19.2028

Trichromacy



Original Color

233.2180, 2.8505, 19.1028

Protanomaly

231.7110, 5.0725, 6.3925

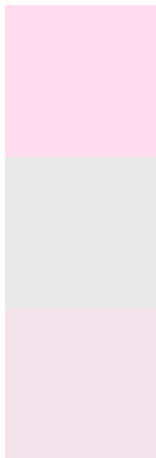
Deuteranomaly

232.6090, 3.1508, 16.1289

Tritanomaly

233.1040, 2.4137, 19.2028

Monochromacy



Original Color

233.2180, 2.8505, 19.1028

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.2720, 0.8519, 6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2180, 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(255, 221, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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(255, 221, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 239) }
```

Border

The CSS property to change the border of an element to YUV 233.2180, 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(255, 221, 239) }
```


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

```
.border{ border-color:rgb(255, 221, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 239); box-shadow:4px 4px 4px 4px rgb(255, 221, 239) }
```

Background

The CSS property to change the background color of an element to YUV 233.2180, 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(255, 221, 239) }
```

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

```
.background{ background-color: rgb(255,  
221, 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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