

Converting Colors

YUV(213.4880, 13.5634,
36.4060)

Have a look what the booklet for
YUV(213.4880, 13.5634, 36.4060)
contains.

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Color

**YUV(213.4880, 13.5634,
36.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBF1
RGB	255, 187, 241
RGB Percent	100%, 73%, 95%
CMY	0.0000, 0.2667, 0.0549
CMYK	0.00, 0.27, 0.05, 0.00
HSL	312°, 100%, 87%
HSV	312°, 27%, 100%
XYZ	74.8875, 63.1515, 91.4616
YIQ	213.4880, 23.1940, 31.2100

Conversions

Conversions Part 2

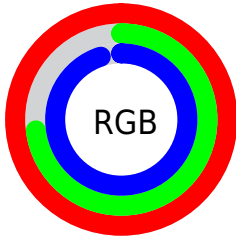
Format	Color
RYB	255, 187, 241
Decimal	16759793
CIELab	83.52, 32.83, -17.12
CIElCh	84, 37.027, 332.464
Yxy	63.1515, 0.3263, 0.2752
Android (android.graphics.Color)	4294949873 (0xFFFFBBF1)
YUV	213.4880, 13.5634, 36.4060
Hunter-Lab	79.4679, 29.1426, -12.6107

Details

The YUV color $213.4880, 13.5634, 36.4060$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $228.5120, -13.5634, -36.4060$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5430, 3.1833, 5.6628$, and $158.0640, 13.2794, 34.1469$ is the 20% darker color. If you saturate the color by 10%, you get $198.2430, 18.6142, 49.7759$, and if you desaturate by 10%, it is $228.7330, 8.5126, 23.0362$.

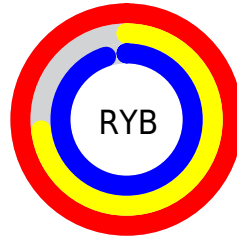
Distribution



Red (100%)

Green (73%)

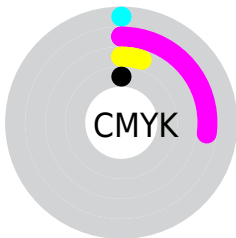
Blue (95%)



Red (100%)

Yellow (73%)

Blue (95%)

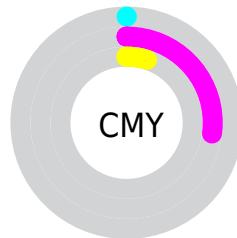


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.4880, 13.5634, 36.4060 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 213.4880, 13.5634, 36.4060 by changing the saturation by 10% instead.


 213.4880, 13.5634,
36.4060


 213.4880, 13.5634,
36.4060


255.0000, 0.0000,
0.0000


 185.7760, 13.4214,
35.2764


 248.5430, 3.1833,
5.6628

 158.0640, 13.2794,
34.1469

 131.6510, 12.9901,
33.6321

 105.9390, 12.8481,
32.5025

 80.8140, 12.4167,
30.8581

 56.5150, 12.5641,
30.2433

 31.1560, 13.7271,

30.5582

■ 17.0750, 9.8230,
22.7362

■ 3.3900, 5.2307,
2.2890

■ 213.4880, 13.5634,
36.4060

■ 213.4880, 13.5634,
36.4060

■ 198.2430, 18.6142,
49.7759

■ 228.7330, 8.5126,
23.0362

■ 182.2970, 23.5176,
63.7605

■ 244.5650, 3.1725,
9.1515

■ 166.4650, 28.8578,
77.6452

255.0000, 0.0000,
0.0000

■ 151.2200, 33.9085,
91.0151

■ 135.3880, 39.2487,
104.8997

■ 120.0290, 43.8627,
118.3696

■ 104.1970, 49.2029,
132.2542

■ 99.2730, 50.6444,
136.5726

Harmonies

Analogous

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



210.1790, 22.0968, 5.9820



213.4880, 13.5634, 36.4060



206.6770, 0.1592, 42.3793

Triad

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



213.4880, 13.5634, 36.4060



205.7120, -33.3820, 20.4236



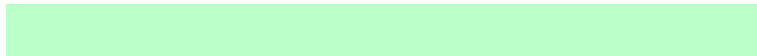
187.3880, 27.9097, -85.4093

Complementary

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



213.4880, 13.5634, 36.4060



228.5120, -13.5634, -36.4060

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.



190.6770, 9.5262, -68.9997



213.4880, 13.5634, 36.4060



201.6590, -26.4539, -8.4709

Square

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



213.4880, 13.5634, 36.4060



207.4680, -29.8107, 41.6856



196.5870, -10.6424, -39.9798



192.5950, 30.7657, -68.0508

Rectangle

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



213.4880, 13.5634, 36.4060



204.5280, -10.6133, 44.2639



196.5870, -10.6424, -39.9798



187.7320, 22.8101, -83.0800

Sweetspot

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



213.4880, 13.5634, 36.4060



242.8040, 4.0406, 10.6959



198.9380, 27.6386, 1.8084



120.0270, 2.4517, 6.9923



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.



213.4880, 13.5634, 36.4060



204.9280, 16.3045, 43.9131



209.6120, -1.2877, 39.8053



120.0270, 2.4517, 6.9923



74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Inverse Universe

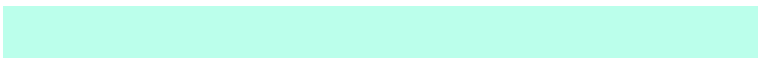
The Inverse Universe completely reimagines the original color for something new.



213.4880, 13.5634, 36.4060



204.9280, 16.3045, 43.9131



232.3880, 1.2877, -39.8053



120.0270, 2.4517, 6.9923



74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 213.4880, 13.5634, 36.4060 looks on a white background.

Color Contrast Check

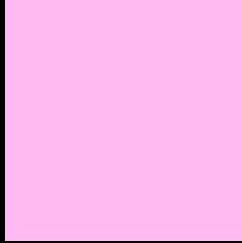
Large Text (above 18pt) WCAG AA × Fail

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 213.4880, 13.5634, 36.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

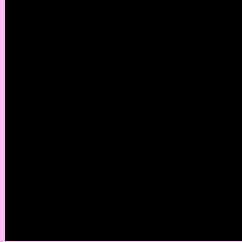
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.4880, 13.5634, 36.4060

Background



This preview shows how black text looks on a background with the YUV color 213.4880, 13.5634, 36.4060.



This preview shows how white text looks on a background with the YUV color 213.4880, 13.5634,

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

213.4880, 13.5634, 36.4060

Protanopia

209.6670, 21.8562, -10.2320

Deuteranopia

210.5780, 13.5190, 3.8781



Tritanopia

212.0520, -1.9976, 34.1574

Trichromacy



Original Color

213.4880, 13.5634, 36.4060



Protanomaly

211.2670, 18.6024, 6.7818



Deuteranomaly

211.6550, 13.4811, 16.0886



Tritanomaly

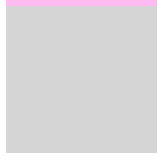
212.5450, 3.6753, 34.6020

Monochromacy



Original Color

213.4880, 13.5634, 36.4060



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4880, 13.5634, 36.4060 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, 187, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 241)  
}
```

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, 187, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 241) }
```

Border

The CSS property to change the border of an element to YUV 213.4880, 13.5634, 36.4060 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, 187, 241) }
```


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

```
.border{ border-color:rgb(255, 187, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 213.4880, 13.5634, 36.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 241) }
```

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

```
.background{ background-color: rgb(255,  
187, 241) }
```

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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