

Converting Colors

YUV(203.4800, 5.6794, 45.1830)

Have a look what the booklet for
YUV(203.4800, 5.6794, 45.1830)
contains.

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Color

**YUV(203.4800, 5.6794,
45.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFD7
RGB	255, 175, 215
RGB Percent	100%, 69%, 84%
CMY	0.0000, 0.3137, 0.1569
CMYK	0.00, 0.31, 0.16, 0.00
HSL	330°, 100%, 84%
HSV	330°, 31%, 100%
XYZ	68.8357, 56.8262, 71.6305
YIQ	203.4800, 34.8400, 29.4000

Conversions

Conversions Part 2

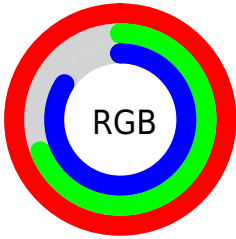
Format	Color
R _Y B	255, 175, 215
Decimal	16756695
CIE Lab	80.08, 34.87, -8.29
CIE LCh	80, 35.841, 346.634
Yxy	56.8262, 0.3489, 0.2880
Android (android.graphics.Color)	4294946775 (0xFFFFAFD7)
YUV	203.4800, 5.6794, 45.1830
Hunter-Lab	75.3832, 31.0757, -3.5702

Details

The YUV color **203.4800, 5.6794, 45.1830** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **226.5200, -5.6794, -45.1830**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **148.1700, 5.8322, 42.8239** is the 20% darker color. If you saturate the color by 10%, you get **186.7360, 7.5252, 59.8675**, and if you desaturate by 10%, it is **220.2240, 3.8336, 30.4986**.

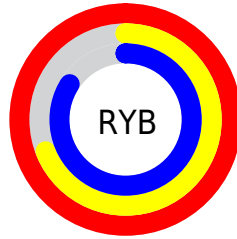
Distribution



Red (100%)

Green (69%)

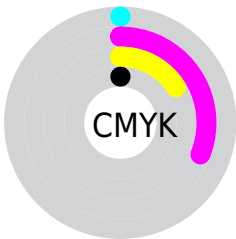
Blue (84%)



Red (100%)

Yellow (69%)

Blue (84%)

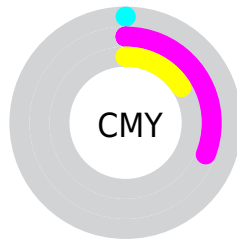


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.4800, 5.6794, 45.1830 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 203.4800, 5.6794, 45.1830 by changing the saturation by 10% instead.


 203.4800, 5.6794,
45.1830

 203.4800, 5.6794,
45.1830


255.0000, 0.0000,
0.0000

 175.7680, 5.5374,
44.0535

 240.9120, 6.9454,
12.3552

 148.1700, 5.8322,
42.8239

 122.1590, 5.8376,
41.0796

 96.5610, 6.1324,
39.8500

 71.0770, 6.8640,
38.5205

 45.8920, 7.4482,
37.8057

 23.6960, 8.0379,

35.3466

■ 15.3220, 1.8133,
25.1506

■ 0.0000, 0.0000,
0.0000

■ 203.4800, 5.6794,
45.1830

■ 203.4800, 5.6794,
45.1830

■ 186.7360, 7.5252,
59.8675

■ 220.2240, 3.8336,
30.4986

■ 170.6930, 9.5184,
73.9372

■ 236.3810, 2.2772,
16.3289

■ 153.9490, 11.3641,
88.6217

■ 253.0110, -0.0054,
1.7444

■ 137.7920, 12.9205,
102.7914

■ 255.0000, 0.0000,
0.0000

■ 121.6350, 14.4769,
116.9611

■ 105.0050, 16.7595,
131.5456

■ 90.8370, 18.3214,
143.9710

Harmonies

Analogous

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



202.9250, 20.7430, 20.2368



203.4800, 5.6794, 45.1830



199.0170, -8.8824, 49.0971

Triad

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



203.4800, 5.6794, 45.1830



194.5470, -29.8497, 7.4133



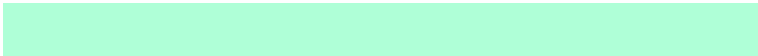
180.8710, 32.1086, -78.8169

Complementary

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



203.4800, 5.6794, 45.1830



226.5200, -5.6794, -45.1830

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.



179.6250, 18.4259, -76.8471



203.4800, 5.6794, 45.1830



190.5200, -18.9904, -22.3810

Square

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



203.4800, 5.6794, 45.1830



197.6580, -31.3834, 32.7489



184.9150, -1.4371, -52.5455



189.1610, 32.4586, -51.0072

Rectangle

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



203.4800, 5.6794, 45.1830



198.9710, -19.2127, 49.1374



184.9150, -1.4371, -52.5455



178.9370, 28.6251, -81.5057

Sweetspot

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



203.4800, 5.6794, 45.1830



240.2450, 1.8512, 12.9401



196.0800, 29.0476, 16.5928



118.2830, 0.8465, 8.5218



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.



203.4800, 5.6794, 45.1830



192.5890, 7.1046, 54.7344



198.9200, -11.7926, 49.1822



119.5710, 0.7045, 7.3922



68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Inverse Universe

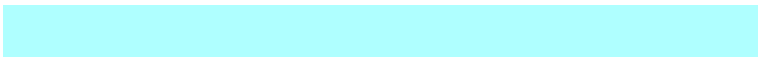
The Inverse Universe completely reimagines the original color for something new.



203.4800, 5.6794, 45.1830



192.5890, 7.1046, 54.7344



231.0800, 11.7926, -49.1822



119.5710, 0.7045, 7.3922



68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 203.4800, 5.6794, 45.1830 looks on a white background.

Color Contrast Check

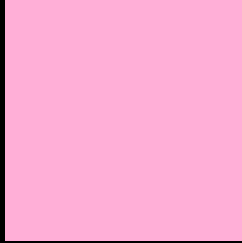
Large Text (above 18pt) WCAG AA × Fail

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 203.4800, 5.6794, 45.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

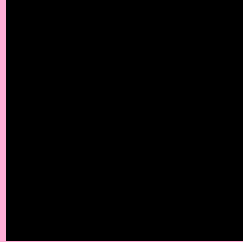
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.4800, 5.6794, 45.1830

Background



This preview shows how black text looks on a background with the YUV color 203.4800, 5.6794, 45.1830.



This preview shows how white text looks on a background with the YUV color 203.4800, 5.6794,

45.1830.

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

203.4800, 5.6794, 45.1830

Protanopia

199.4520, 14.5672, -5.6584

Deuteranopia

200.8470, 5.4984, 9.7812



Tritanopia

202.4230, -4.6455, 43.4790

Trichromacy



Original Color

203.4800, 5.6794, 45.1830



Protanomaly

201.0630, 11.3079, 13.0997



Deuteranomaly

201.6360, 5.6025, 23.1212



Tritanomaly

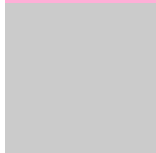
203.0470, -1.0092, 43.8088

Monochromacy



Original Color

203.4800, 5.6794, 45.1830



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.2670, 1.8404, 16.4288

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.4800, 5.6794, 45.1830 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, 175, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 215)  
}
```

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, 175, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 215) }
```

Border

The CSS property to change the border of an element to YUV 203.4800, 5.6794, 45.1830 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, 175, 215) }
```


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

```
.border{ border-color:rgb(255, 175, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 203.4800, 5.6794, 45.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 215) }
```

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

```
.background{ background-color: rgb(255,  
175, 215) }
```

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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