

Converting Colors

YUV(203.4400, 9.6431, 33.8171)

Have a look what the booklet for
YUV(203.4400, 9.6431, 33.8171)
contains.

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Color

**YUV(203.4400, 9.6431,
33.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B4DF
RGB	242, 180, 223
RGB Percent	95%, 71%, 87%
CMY	0.0510, 0.2941, 0.1255
CMYK	0.00, 0.26, 0.08, 0.05
HSL	318°, 70%, 83%
HSV	318°, 26%, 95%
XYZ	66.2585, 56.8475, 77.2925
YIQ	203.4400, 23.1490, 26.5170

Conversions

Conversions Part 2

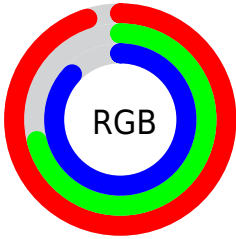
Format	Color
R _Y B	242, 180, 223
Decimal	15906015
CIE Lab	80.09, 29.14, -12.73
CIE LCh	80, 31.804, 336.400
Yxy	56.8475, 0.3306, 0.2837
Android (android.graphics.Color)	4294096095 (0xFFFF2B4DF)
YUV	203.4400, 9.6431, 33.8171
Hunter-Lab	75.3973, 24.9191, -8.0023

Details

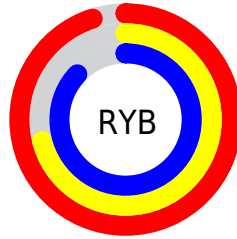
The YUV color **203.4400, 9.6431, 33.8171** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **218.5600, -9.6431, -33.8171**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8470, 5.4984, 9.7812**, and **149.0160, 9.3591, 31.5580** is the 20% darker color. If you saturate the color by 10%, you get **188.5540, 13.5309, 46.8721**, and if you desaturate by 10%, it is **218.3260, 5.7553, 20.7621**.

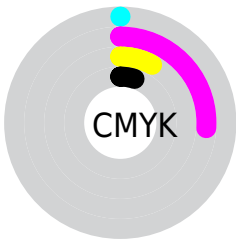
Distribution



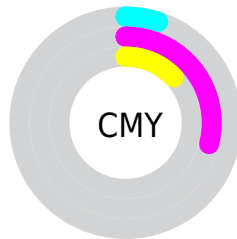
- Red (95%)
- Green (71%)
- Blue (87%)



- Red (95%)
- Yellow (71%)
- Blue (87%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.4400, 9.6431, 33.8171 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 203.4400, 9.6431, 33.8171 by changing the saturation by 10% instead.


 203.4400, 9.6431,
33.8171


 203.4400, 9.6431,
33.8171

255.0000, 0.0000,
0.0000

 175.7280, 9.5011,
32.6875


 243.8470, 5.4984,
9.7812

 149.0160, 9.3591,
31.5580

 122.6030, 9.0697,
31.0432

 97.0050, 9.3645,
29.8136

 72.8800, 8.9332,
28.1692

 48.6950, 9.5174,
27.4545

 24.8090, 9.9542,

27.3545

■ 13.9130, 5.4659,
20.2473

■ 0.0000, 0.0000,
0.0000

■ 203.4400, 9.6431,
33.8171

■ 203.4400, 9.6431,
33.8171

■ 188.5540, 13.5309,
46.8721

■ 218.3260, 5.7553,
20.7621

■ 173.5540, 16.9819,
60.0271

■ 233.3260, 2.3043,
7.6071

■ 158.0810, 21.1591,
73.5970

■ 248.7990, -1.8729,
-5.9627

■ 143.0810, 24.6101,
86.7520

■ 250.8850, 1.0427,
-7.7921

■ 128.1950, 28.4979,
99.8070

■ 251.1130, 1.9163,
-7.9921

■ 113.3090, 32.3857,
112.8620

■ 98.3090, 35.8367,
126.0170

■ 91.5100, 37.7096,
131.9797

Harmonies

Analogous

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



202.0760, 21.6545, 7.8263



203.4400, 9.6431, 33.8171



202.1460, -4.5090, 46.3530

Triad

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



203.4400, 9.6431, 33.8171



196.6450, -28.4190, 15.2203



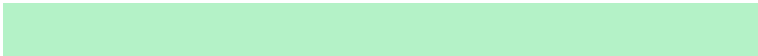
183.8740, 24.2191, -68.2955

Complementary

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



203.4400, 9.6431, 33.8171



218.5600, -9.6431, -33.8171

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.



184.4440, 9.6411, -59.1484



203.4400, 9.6431, 33.8171



192.7280, -21.0649, -10.2855

Square

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



203.4400, 9.6431, 33.8171



199.2330, -26.7369, 35.7527



188.8200, -7.3063, -36.6761



189.3950, 30.8643, -52.9664

Rectangle

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



203.4400, 9.6431, 33.8171



200.5670, -13.0975, 47.7377



188.8200, -7.3063, -36.6761



183.4350, 19.9985, -67.9105

Sweetspot

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



203.4400, 9.6431, 33.8171



242.5760, 3.1670, 10.8958



192.7490, 24.2807, 5.4821



119.9130, 2.0149, 7.0923



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.



203.4400, 9.6431, 33.8171



205.8910, 12.3787, 43.0686



199.9060, -3.8977, 36.9164



112.5000, 1.7255, 6.5775



69.4940, 28.3505, 100.4218



21.1900, 8.7803, 30.5284

Inverse Universe

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



203.4400, 9.6431, 33.8171



205.8910, 12.3787, 43.0686



222.0940, 3.8977, -36.9164



112.5000, 1.7255, 6.5775



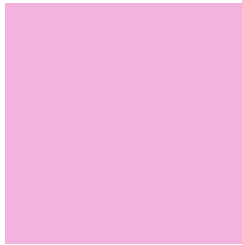
69.4940, 28.3505, 100.4218



21.1900, 8.7803, 30.5284

Previews

White Background



This preview shows how the YUV color 203.4400, 9.6431, 33.8171 looks on a white background.

Color Contrast Check

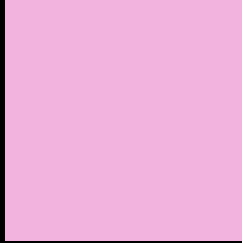
Large Text (above 18pt) WCAG AA × Fail

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 203.4400, 9.6431, 33.8171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

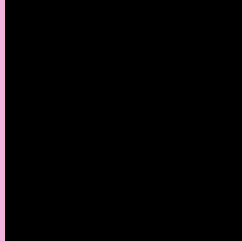
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.4400, 9.6431, 33.8171

Background



This preview shows how black text looks on a background with the YUV color 203.4400, 9.6431, 33.8171.



This preview shows how white text looks on a background with the YUV color 203.4400, 9.6431,

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

203.4400, 9.6431, 33.8171

Protanopia

199.7230, 16.8986, -6.7731

Deuteranopia

201.1500, 9.2930, 6.0074



Tritanopia

202.1550, -1.5554, 32.3131

Trichromacy



Original Color

203.4400, 9.6431, 33.8171



Protanomaly

201.1270, 14.2344, 7.7816



Deuteranomaly

201.9170, 9.4079, 15.8588



Tritanomaly

202.8930, 2.5178, 32.5428

Monochromacy



Original Color

203.4400, 9.6431, 33.8171



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.2880, 3.3090, 12.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.4400, 9.6431, 33.8171 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(242, 180, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 180, 223)  
}
```

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(242, 180, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 180, 223) }
```

Border

The CSS property to change the border of an element to YUV 203.4400, 9.6431, 33.8171 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(242, 180, 223) }
```


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

```
.border{ border-color:rgb(242, 180, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 180, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 180, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 180, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 180,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 203.4400, 9.6431, 33.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 180, 223) }
```

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

```
.background{ background-color: rgb(242,  
180, 223) }
```

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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