

Converting Colors

YUV(203.9300, 6.4435, 33.3874)

Have a look what the booklet for
YUV(203.9300, 6.4435, 33.3874)
contains.

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Color

**YUV(203.9300, 6.4435,
33.3874)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B6D9
RGB	242, 182, 217
RGB Percent	95%, 71%, 85%
CMY	0.0510, 0.2863, 0.1490
CMYK	0.00, 0.25, 0.10, 0.05
HSL	325°, 70%, 83%
HSV	325°, 25%, 95%
XYZ	65.8703, 57.3429, 73.2422
YIQ	203.9300, 24.5250, 23.6050

Conversions

Conversions Part 2

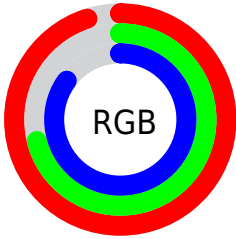
Format	Color
R_{YB}	242, 182, 217
Decimal	15906521
CIE _{Lab}	80.37, 27.08, -9.08
CIE _{LCh}	80, 28.558, 341.461
Yxy	57.3429, 0.3353, 0.2919
Android (android.graphics.Color)	4294096601 (0xFFFF2B6D9)
YUV	203.9300, 6.4435, 33.3874
Hunter-Lab	75.7251, 22.7512, -4.3384

Details

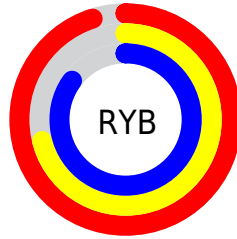
The YUV color $203.9300, 6.4435, 33.3874$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $220.0700, -6.4435, -33.3874$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.9196, 8.7516$, and $149.5060, 6.1595, 31.1282$ is the 20% darker color. If you saturate the color by 10%, you get $188.7020, 9.0209, 46.7423$, and if you desaturate by 10%, it is $219.1580, 3.8661, 20.0324$.

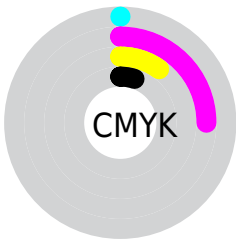
Distribution



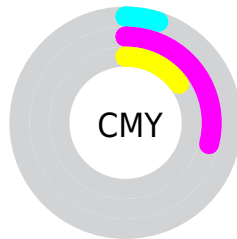
- Red (95%)
- Green (71%)
- Blue (85%)



- Red (95%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.9300, 6.4435, 33.3874 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 203.9300, 6.4435, 33.3874 by changing the saturation by 10% instead.


 203.9300, 6.4435,
33.3874

 203.9300, 6.4435,
33.3874


255.0000, 0.0000,
0.0000


 176.2180, 6.3015,
32.2578

 245.0210, 4.9196,
8.7516

 149.5060, 6.1595,
31.1282

 123.2070, 6.3069,
30.5135

 97.6090, 6.6018,
29.2839

 73.4840, 6.1704,
27.6395

 49.8860, 6.4652,
26.4100

 26.1140, 7.3388,

26.2100

■ 13.4570, 3.7187,
20.6472

■ 0.0000, 0.0000,
0.0000

■ 203.9300, 6.4435,
33.3874

■ 203.9300, 6.4435,
33.3874

■ 188.7020, 9.0209,
46.7423

■ 219.1580, 3.8661,
20.0324

■ 173.4740, 11.5983,
60.0973

■ 234.3860, 1.2887,
6.6775

■ 157.6590, 14.4651,
73.9671

■ 250.2010, -1.5781,
-7.1923

■ 142.4310, 17.0425,
87.3220

■ 251.1130, 1.9163,
-7.9921

■ 127.2030, 19.6199,
100.6770

■ 111.8610, 21.7605,
114.1319

■ 96.6330, 24.3379,
127.4869

■ 88.4320, 25.9160,
134.6791

Harmonies

Analogous

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



202.7730, 17.8599, 11.6001



203.9300, 6.4435, 33.3874



202.9670, -6.3927, 43.8789

Triad

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



203.9300, 6.4435, 33.3874



197.2360, -24.7663, 10.3170



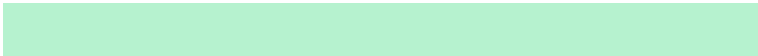
187.5980, 22.8762, -57.5294

Complementary

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



203.9300, 6.4435, 33.3874



220.0700, -6.4435, -33.3874

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.



187.1180, 10.7878, -53.6005



203.9300, 6.4435, 33.3874



193.7430, -17.1283, -12.9296

Square

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



203.9300, 6.4435, 33.3874



199.6560, -24.9734, 30.1197



190.3300, -4.1067, -36.2464



193.2500, 27.4848, -42.3152

Rectangle

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



203.9300, 6.4435, 33.3874



202.2030, -14.3971, 44.5490



190.3300, -4.1067, -36.2464



186.6750, 19.3872, -58.4740

Sweetspot

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



203.9300, 6.4435, 33.3874



243.6360, 2.1515, 9.9662



196.3150, 22.5227, 9.3707



120.9730, 0.9993, 6.1627



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.



203.9300, 6.4435, 33.3874



206.7400, 8.0162, 42.3240



200.5100, -6.6604, 36.3867



112.3860, 1.2887, 6.6775



67.2140, 19.6145, 102.4213



20.5060, 6.1595, 31.1282

Inverse Universe

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



203.9300, 6.4435, 33.3874



206.7400, 8.0162, 42.3240



223.4900, 6.6604, -36.3867



112.3860, 1.2887, 6.6775



67.2140, 19.6145, 102.4213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 203.9300, 6.4435, 33.3874 looks on a white background.

Color Contrast Check

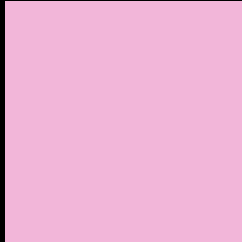
Large Text (above 18pt) WCAG AA × Fail

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 203.9300, 6.4435, 33.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

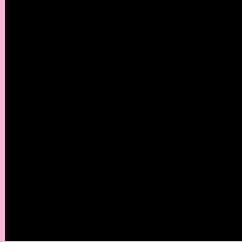
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.9300, 6.4435, 33.3874

Background



This preview shows how black text looks on a background with the YUV color 203.9300, 6.4435, 33.3874.



This preview shows how white text looks on a background with the YUV color 203.9300, 6.4435,

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

203.9300, 6.4435, 33.3874

Protanopia

200.4090, 13.1094, -4.7437

Deuteranopia

201.7760, 6.5194, 8.9664



Tritanopia

203.0410, -1.9922, 32.4130

Trichromacy



Original Color

203.9300, 6.4435, 33.3874

Protanomaly

201.5140, 10.5926, 9.1962

Deuteranomaly

202.8310, 6.4923, 17.6882

Tritanomaly

203.5510, 1.2074, 32.8428

Monochromacy



Original Color

203.9300, 6.4435, 33.3874

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0600, 2.4354, 12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9300, 6.4435, 33.3874 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, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 217)  
}
```

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, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 217) }
```

Border

The CSS property to change the border of an element to YUV 203.9300, 6.4435, 33.3874 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, 182, 217) }
```


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

```
.border{ border-color:rgb(242, 182, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 182, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 203.9300, 6.4435, 33.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 217) }
```

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

```
.background{ background-color: rgb(242,  
182, 217) }
```

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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