

Converting Colors

YUV(203.9020, 12.3733,
44.8129)

Have a look what the booklet for
YUV(203.9020, 12.3733, 44.8129)
contains.

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Color

**YUV(203.9020, 12.3733,
44.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEE5
RGB	255, 173, 229
RGB Percent	100%, 68%, 90%
CMY	0.0000, 0.3216, 0.1020
CMYK	0.00, 0.32, 0.10, 0.00
HSL	319°, 100%, 84%
HSV	319°, 32%, 100%
XYZ	70.3264, 56.8043, 81.3865
YIQ	203.9020, 30.8960, 34.8000

Conversions

Conversions Part 2

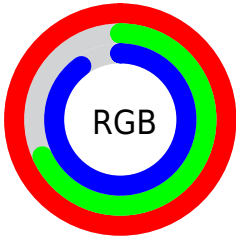
Format	Color
RYB	255, 173, 229
Decimal	16756197
CIELab	80.07, 38.14, -15.87
CIElCh	80, 41.312, 337.408
Yxy	56.8043, 0.3373, 0.2724
Android (android.graphics.Color)	4294946277 (0xFFFFAEE5)
YUV	203.9020, 12.3733, 44.8129
Hunter-Lab	75.3686, 34.6632, -11.2660

Details

The YUV color **203.9020, 12.3733, 44.8129** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **224.0980, -12.3733, -44.8129**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **148.4780, 12.0893, 42.5538** is the 20% darker color. If you saturate the color by 10%, you get **187.7280, 16.4031, 58.9975**, and if you desaturate by 10%, it is **220.0760, 8.3435, 30.6283**.

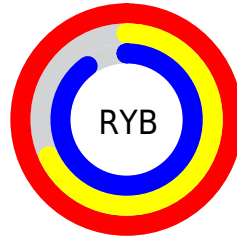
Distribution



Red (100%)

Green (68%)

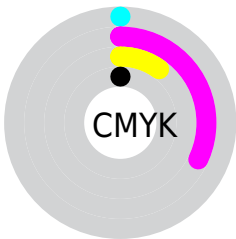
Blue (90%)



Red (100%)

Yellow (68%)

Blue (90%)

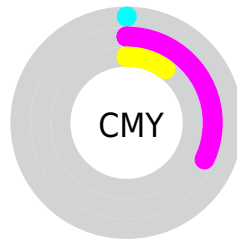


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.9020, 12.3733, 44.8129 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 203.9020, 12.3733, 44.8129 by changing the saturation by 10% instead.


 203.9020, 12.3733,
44.8129


 203.9020, 12.3733,
44.8129


255.0000, 0.0000,
0.0000


 176.1900, 12.2313,
43.6834


 239.7380, 7.5242,
13.3848

 148.4780, 12.0893,
42.5538

 122.4670, 12.0948,
40.8094

 96.1680, 12.2422,
40.1947

 71.1570, 12.2476,
38.4503

 44.7980, 13.4106,
38.7652

 24.8360, 12.4059,

34.3468

■ 16.4620, 6.1812,
24.1508

■ 0.0000, 0.0000,
0.0000

■ 203.9020, 12.3733,
44.8129

■ 203.9020, 12.3733,
44.8129

■ 187.7280, 16.4031,
58.9975

■ 220.0760, 8.3435,
30.6283

■ 172.1410, 20.1435,
72.6673

■ 235.6630, 4.6031,
16.9585

■ 156.5540, 23.8839,
86.3371

■ 251.8370, 0.5734,
2.7740

■ 140.3800, 27.9137,
100.5217

■ 255.0000, 0.0000,
0.0000

■ 124.7930, 31.6541,
114.1915

■ 108.5050, 35.2470,
128.4761

■ 96.0810, 38.4141,
139.3720

Harmonies

Analogous

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



202.2490, 26.0062, 12.0596



203.9020, 12.3733, 44.8129



197.1080, -3.5042, 50.7713

Triad

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



203.9020, 12.3733, 44.8129



194.8920, -36.4288, 17.6347



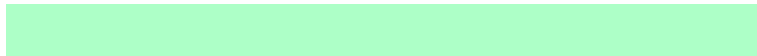
167.4540, 37.7372, -110.9002

Complementary

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



203.9020, 12.3733, 44.8129



224.0980, -12.3733, -44.8129

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.



174.2770, 16.1324, -87.9429



203.9020, 12.3733, 44.8129



190.5010, -26.8690, -15.3484

Square

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



203.9020, 12.3733, 44.8129



198.2250, -34.6209, 44.5297



184.2050, -7.9891, -51.0458



180.7340, 36.6131, -76.9427

Rectangle

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



203.9020, 12.3733, 44.8129



195.4320, -15.0030, 52.2411



184.2050, -7.9891, -51.0458



167.9720, 32.0588, -109.6004

Sweetspot

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



203.9020, 12.3733, 44.8129



239.4130, 3.7404, 13.6698



190.1220, 31.9849, 7.7860



118.0380, 2.4463, 8.7367



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.



203.9020, 12.3733, 44.8129



193.2390, 14.6722, 54.1644



199.2280, -5.5354, 48.9120



119.7990, 1.5781, 7.1923



72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Inverse Universe

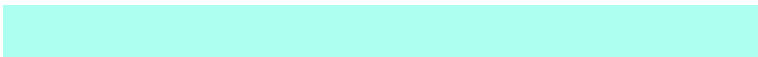
The Inverse Universe completely reimagines the original color for something new.



203.9020, 12.3733, 44.8129



193.2390, 14.6722, 54.1644



228.7720, 5.5354, -48.9120



119.7990, 1.5781, 7.1923



72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 203.9020, 12.3733, 44.8129 looks on a white background.

Color Contrast Check

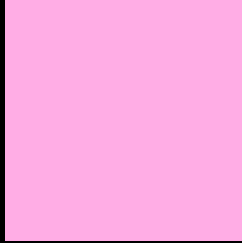
Large Text (above 18pt) WCAG AA × Fail

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 203.9020, 12.3733, 44.8129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

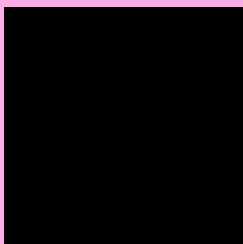
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.9020, 12.3733, 44.8129

Background



This preview shows how black text looks on a background with the YUV color 203.9020, 12.3733, 44.8129.



This preview shows how white text looks on a background with the YUV color 203.9020, 12.3733,

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

203.9020, 12.3733, 44.8129

Protanopia

199.7810, 22.2930, -10.3319

Deuteranopia

201.1220, 11.7719, 4.2780



Tritanopia

202.7110, -4.7875, 42.3495

Trichromacy



Original Color

203.9020, 12.3733, 44.8129



Protanomaly

200.9900, 18.7389, 9.6558



Deuteranomaly

201.9220, 11.8705, 19.3624



Tritanomaly

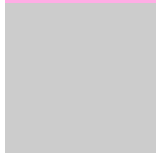
202.7310, 1.6116, 43.2089

Monochromacy



Original Color

203.9020, 12.3733, 44.8129



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.2500, 4.3137, 16.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9020, 12.3733, 44.8129 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, 173, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 229)  
}
```

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, 173, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 229) }
```

Border

The CSS property to change the border of an element to YUV 203.9020, 12.3733, 44.8129 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, 173, 229) }
```


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

```
.border{ border-color:rgb(255, 173, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 203.9020, 12.3733, 44.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 229) }
```

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

```
.background{ background-color: rgb(255,  
173, 229) }
```

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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