

Converting Colors

YUV(199.9270, 1.0220, 45.6680)

Have a look what the booklet for
YUV(199.9270, 1.0220, 45.6680)
contains.

YUV(199.9270, 1.0220, 45.6680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(199.9270, 1.0220,
45.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	FCADCA
RGB	252, 173, 202
RGB Percent	99%, 68%, 79%
CMY	0.0118, 0.3216, 0.2078
CMYK	0.00, 0.31, 0.20, 0.01
HSL	338°, 93%, 83%
HSV	338°, 31%, 99%
XYZ	65.7491, 54.8469, 62.9983
YIQ	199.9270, 37.7750, 25.7670

Conversions

Conversions Part 2

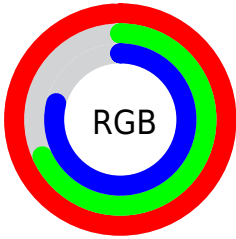
Format	Color
R _{YB}	252, 173, 202
Decimal	16559562
CIE Lab	78.95, 32.92, -2.94
CIE LCh	79, 33.053, 354.891
Yxy	54.8469, 0.3581, 0.2987
Android (android.graphics.Color)	4294749642 (0xFFFCADCA)
YUV	199.9270, 1.0220, 45.6680
Hunter-Lab	74.0587, 28.8693, 1.4058

Details

The YUV color **199.9270, 1.0220, 45.6680** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **225.0730, -1.0220, -45.6680**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **145.3180, 1.3222, 42.6941** is the 20% darker color. If you saturate the color by 10%, you get **183.4280, 1.2680, 60.1376**, and if you desaturate by 10%, it is **216.4260, 0.7760, 31.1984**.

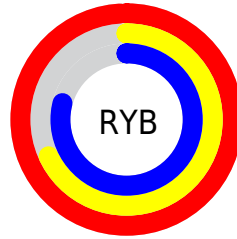
Distribution



Red (99%)

Green (68%)

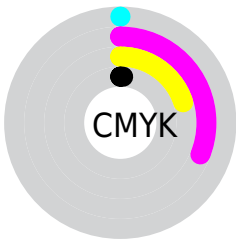
Blue (79%)



Red (99%)

Yellow (68%)

Blue (79%)

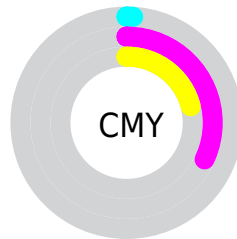


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (1%)



Cyan (1%)

Magenta (32%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9270, 1.0220, 45.6680 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 199.9270, 1.0220, 45.6680 by changing the saturation by 10% instead.


 199.9270, 1.0220,
45.6680

 199.9270, 1.0220,
45.6680


255.0000, 0.0000,
0.0000

 172.3290, 1.3168,
44.4385


 239.7380, 7.5242,
13.3848

 145.3180, 1.3222,
42.6941

 118.7200, 1.6170,
41.4646

 93.1220, 1.9119,
40.2350

 68.3390, 2.7909,
38.2907

 43.2680, 3.8119,
37.4760

 21.6590, 4.1121,

34.5021

■ 12.7150, -4.2965,
24.8059

■ 0.0000, 0.0000,
0.0000

■ 199.9270, 1.0220,
45.6680

■ 199.9270, 1.0220,
45.6680

■ 183.4280, 1.2680,
60.1376

■ 216.4260, 0.7760,
31.1984

■ 166.9290, 1.5140,
74.6073

■ 232.9250, 0.5300,
16.7288

■ 149.8430, 2.0494,
89.5917

■ 250.0110, -0.0054,
1.7444

■ 133.3440, 2.2954,
104.0613

■ 254.1030, 0.4422,
-1.8443

■ 116.8450, 2.5414,
118.5309

■ 100.3460, 2.7874,
133.0006

■ 85.9500, 3.4756,
145.6259

Harmonies

Analogous

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



200.1770, 15.1957, 26.1548



199.9270, 1.0220, 45.6680



197.8770, -13.2504, 50.0969

Triad

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



199.9270, 1.0220, 45.6680



190.6430, -25.4600, -0.5639



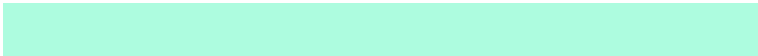
182.3180, 30.9022, -65.1769

Complementary

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



199.9270, 1.0220, 45.6680



225.0730, -1.0220, -45.6680

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.



178.8260, 20.2988, -70.8844



199.9270, 1.0220, 45.6680



187.1540, -13.8799, -28.1991

Square

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



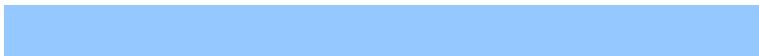
199.9270, 1.0220, 45.6680



194.3580, -29.7565, 24.2420



181.8700, 3.5151, -54.2600



190.7220, 31.6891, -37.4672

Rectangle

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



199.9270, 1.0220, 45.6680



196.9770, -21.6807, 47.3782



181.8700, 3.5151, -54.2600



180.3020, 28.4451, -70.4249

Sweetspot

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



199.9270, 1.0220, 45.6680



239.7890, 0.1040, 13.3400



196.6570, 27.2841, 22.2258



118.1690, 0.4097, 8.6218



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.



199.9270, 1.0220, 45.6680



191.1070, 1.4262, 56.0342



201.9040, -14.2497, 43.9342



116.4570, 0.2677, 7.4922



64.3770, 2.2791, 109.2944



20.7470, 0.6177, 35.3019

Inverse Universe

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



199.9270, 1.0220, 45.6680



191.1070, 1.4262, 56.0342



223.0960, 14.2497, -43.9342



116.4570, 0.2677, 7.4922



64.3770, 2.2791, 109.2944



20.7470, 0.6177, 35.3019

Previews

White Background



This preview shows how the YUV color 199.9270, 1.0220, 45.6680 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 199.9270, 1.0220, 45.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

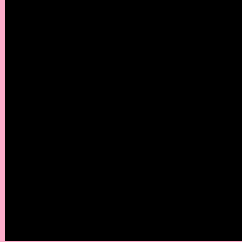
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.9270, 1.0220, 45.6680

Background



This preview shows how black text looks on a background with the YUV color 199.9270, 1.0220, 45.6680.



This preview shows how white text looks on a background with the YUV color 199.9270, 1.0220,

45.6680.

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

199.9270, 1.0220, 45.6680

Protanopia

196.9810, 8.8834, -2.6143

Deuteranopia

197.9030, 0.5408, 13.2401



Tritanopia

199.3200, -5.0878, 45.3234

Trichromacy



Original Color

199.9270, 1.0220, 45.6680



Protanomaly

197.9940, 5.9190, 14.9143



Deuteranomaly

198.6810, 0.6503, 24.8358



Tritanomaly

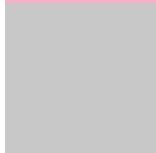
199.3030, -2.6144, 45.3383

Monochromacy



Original Color

199.9270, 1.0220, 45.6680



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.9250, 0.5300, 16.7288

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9270, 1.0220, 45.6680 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(252, 173, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 173, 202)  
}
```

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(252, 173, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 173, 202) }
```

Border

The CSS property to change the border of an element to YUV 199.9270, 1.0220, 45.6680 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(252, 173, 202) }
```


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

```
.border{ border-color:rgb(252, 173, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 173, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 173, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 173, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 173,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 199.9270, 1.0220, 45.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 173, 202) }
```

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

```
.background{ background-color: rgb(252,  
173, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor