

Converting Colors

YUV(207.3880, 21.9937,
39.1247)

Have a look what the booklet for
YUV(207.3880, 21.9937, 39.1247)
contains.

YUV(207.3880, 21.9937, 39.1247)	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(207.3880, 21.9937,
39.1247)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB0FC
RGB	252, 176, 252
RGB Percent	99%, 69%, 99%
CMY	0.0118, 0.3098, 0.0118
CMYK	0.00, 0.30, 0.00, 0.01
HSL	300°, 93%, 84%
HSV	300°, 30%, 99%
XYZ	73.2409, 58.7744, 99.5798
YIQ	207.3880, 20.9000, 39.7480

Conversions

Conversions Part 2

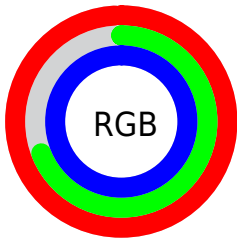
Format	Color
R _Y B	252, 176, 252
Decimal	16560380
CIE Lab	81.17, 39.57, -26.60
CIE LCh	81, 47.683, 326.088
Yxy	58.7744, 0.3162, 0.2538
Android (android.graphics.Color)	4294750460 (0xFFFCB0FC)
YUV	207.3880, 21.9937, 39.1247
Hunter-Lab	76.6645, 36.3660, -23.3469

Details

The YUV color $207.3880, 21.9937, 39.1247$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $220.6120, -21.9937, -39.1247$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.4990, 6.6560, 11.8404$, and $151.8500, 21.2730, 36.9656$ is the 20% darker color. If you saturate the color by 10%, you get $192.7130, 29.2285, 51.9947$, and if you desaturate by 10%, it is $222.0630, 14.7589, 26.2547$.

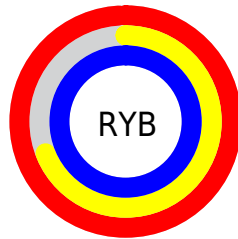
Distribution



Red (99%)

Green (69%)

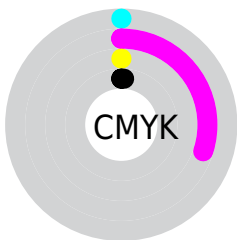
Blue (99%)



Red (99%)

Yellow (69%)

Blue (99%)

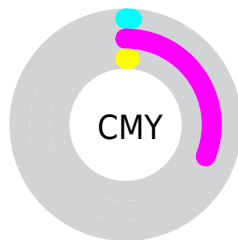


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 207.3880, 21.9937, 39.1247 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 207.3880, 21.9937, 39.1247 by changing the saturation by 10% instead.

 207.3880, 21.9937,
39.1247


 207.3880, 21.9937,
39.1247


255.0000, 0.0000,
0.0000


 179.5620, 21.4149,
38.0951


 241.4990, 6.6560,
11.8404

 151.8500, 21.2730,
36.9656

 125.1380, 21.1310,
35.8360

 99.3120, 20.5522,
34.8064

 74.0130, 20.6996,
34.1916

 48.1270, 21.1364,
34.0916

 26.1760, 20.1262,

31.4176

■ 17.3890, 13.6122,
20.7068

■ 2.6220, 10.0464,
-2.2995

■ 207.3880, 21.9937,
39.1247

■ 207.3880, 21.9937,
39.1247

■ 192.7130, 29.2285,
51.9947

■ 222.0630, 14.7589,
26.2547

■ 178.0380, 36.4633,
64.8647

■ 236.7380, 7.5242,
13.3848

■ 162.7760, 43.9874,
78.2494

■ 252.0000, 0.0000,
0.0000

■ 148.1010, 51.2222,
91.1194

■ 253.7610, -0.8682,
-1.5444

■ 133.4260, 58.4570,
103.9894

■ 118.7510, 65.6918,
116.8594

■ 104.0760, 72.9265,
129.7293

Harmonies

Analogous

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



200.6770, 26.7812, -3.2247



207.3880, 21.9937, 39.1247



197.5130, 5.6631, 50.4161

Triad

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



207.3880, 21.9937, 39.1247



198.5580, -43.1661, 31.9596



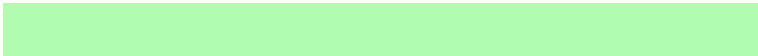
158.7340, 39.5711, -139.2097

Complementary

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



207.3880, 21.9937, 39.1247



220.6120, -21.9937, -39.1247

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.



174.2240, 9.7496, -94.0354



207.3880, 21.9937, 39.1247



194.2330, -37.0899, -3.7123

Square

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



207.3880, 21.9937, 39.1247



197.1980, -33.6216, 50.6924



187.2030, -18.3411, -44.0280



157.6230, 48.0069, -138.2354

Rectangle

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



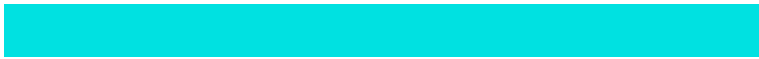
207.3880, 21.9937, 39.1247



194.6800, -7.7302, 52.9006



187.2030, -18.3411, -44.0280



157.7250, 33.1666, -138.3248

Sweetspot

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



207.3880, 21.9937, 39.1247



241.4990, 6.6560, 11.8404



184.6640, 33.1966, -7.5983



119.1950, 4.3409, 7.7220



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.



207.3880, 21.9937, 39.1247



200.9960, 26.6240, 47.3615



203.0560, 5.3954, 42.9239



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Inverse Universe

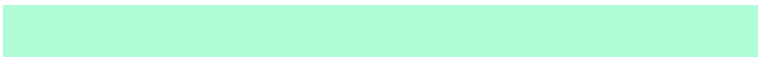
The Inverse Universe completely reimagines the original color for something new.



207.3880, 21.9937, 39.1247



200.9960, 26.6240, 47.3615



224.9440, -5.3954, -42.9239



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 207.3880, 21.9937, 39.1247 looks on a white background.

Color Contrast Check

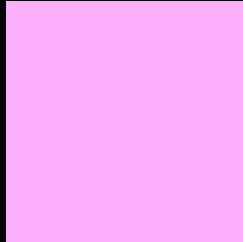
Large Text (above 18pt) WCAG AA × Fail

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 207.3880, 21.9937, 39.1247 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 207.3880, 21.9937, 39.1247

Background



This preview shows how black text looks on a background with the YUV color 207.3880, 21.9937, 39.1247.



This preview shows how white text looks on a background with the YUV color 207.3880, 21.9937,

39.1247.

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

207.3880, 21.9937, 39.1247

Protanopia

202.3830, 25.9402, -13.4909

Deuteranopia

203.7000, 21.8399, -4.9989



Tritanopia

205.2370, -2.5818, 34.8722

Trichromacy



Original Color

207.3880, 21.9937, 39.1247



Protanomaly

204.1620, 24.5701, 5.9969



Deuteranomaly

205.0980, 21.6437, 11.3151



Tritanomaly

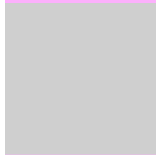
205.9520, 6.4327, 36.8761

Monochromacy



Original Color

207.3880, 21.9937, 39.1247



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

207.1510, 7.8136, 13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.3880, 21.9937, 39.1247 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, 176, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 176, 252)  
}
```

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, 176, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 176, 252) }
```

Border

The CSS property to change the border of an element to YUV 207.3880, 21.9937, 39.1247 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, 176, 252) }
```


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

```
.border{ border-color:rgb(252, 176, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 176, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 176, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 176, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 176,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 207.3880, 21.9937, 39.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 176, 252) }
```

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

```
.background{ background-color: rgb(252,  
176, 252) }
```

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