

Converting Colors

YUV(200.0380, 12.7993,
48.2017)

Have a look what the booklet for
YUV(200.0380, 12.7993, 48.2017)
contains.

YUV(200.0380, 12.7993, 48.2017)	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(200.0380, 12.7993,
48.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7E2
RGB	255, 167, 226
RGB Percent	100%, 65%, 89%
CMY	0.0000, 0.3451, 0.1137
CMYK	0.00, 0.35, 0.11, 0.00
HSL	320°, 100%, 83%
HSV	320°, 35%, 100%
XYZ	68.7862, 54.3884, 78.8241
YIQ	200.0380, 33.5090, 37.0050

Conversions

Conversions Part 2

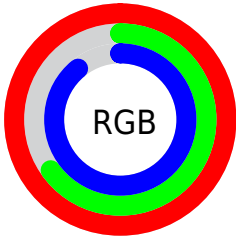
Format	Color
R _Y B	255, 167, 226
Decimal	16754658
CIE Lab	78.69, 40.77, -16.33
CIE LCh	79, 43.919, 338.176
Yxy	54.3884, 0.3405, 0.2693
Android (android.graphics.Color)	4294944738 (0xFFFFA7E2)
YUV	200.0380, 12.7993, 48.2017
Hunter-Lab	73.7485, 37.4294, -11.7466

Details

The YUV color $200.0380, 12.7993, 48.2017$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $221.9620, -12.7993, -48.2017$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2160, 9.2605, 16.4736$, and $144.7280, 12.9521, 45.8425$ is the 20% darker color. If you saturate the color by 10%, you get $184.4510, 16.5397, 61.8715$, and if you desaturate by 10%, it is $216.2120, 8.7695, 34.0171$.

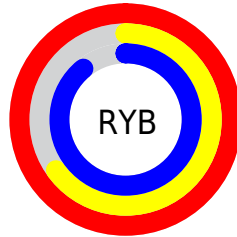
Distribution



Red (100%)

Green (65%)

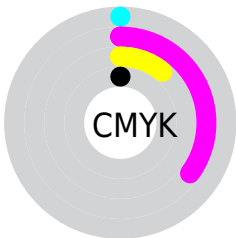
Blue (89%)



Red (100%)

Yellow (65%)

Blue (89%)

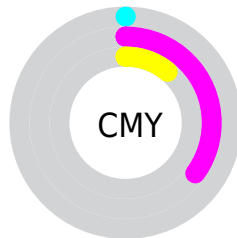


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.0380, 12.7993, 48.2017 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 200.0380, 12.7993, 48.2017 by changing the saturation by 10% instead.

 200.0380, 12.7993,
48.2017


 200.0380, 12.7993,
48.2017


255.0000, 0.0000,
0.0000


 172.3260, 12.6573,
47.0721


 236.2160, 9.2605,
16.4736


 144.7280, 12.9521,
45.8425

 253.2390, 0.8682,
1.5444

 118.6030, 12.5207,
44.1982

 92.0050, 12.8155,
42.9686

 66.8200, 13.3997,
42.2539

 37.8140, 15.8677,
44.0131

 24.1950, 11.2429,

34.0320

■ 15.6360, 5.6025,
23.1212

■ 0.0000, 0.0000,
0.0000

■ 200.0380, 12.7993,
48.2017

■ 200.0380, 12.7993,
48.2017

■ 184.4510, 16.5397,
61.8715

■ 216.2120, 8.7695,
34.0171

■ 168.1630, 20.1326,
76.1560

■ 231.9130, 5.4659,
20.2473

■ 152.5760, 23.8730,
89.8258

■ 248.0870, 1.4361,
6.0627

■ 136.2880, 27.4660,
104.1104

■ 255.0000, 0.0000,
0.0000

■ 120.7010, 31.2064,
117.7802

■ 104.5270, 35.2362,
131.9648

■ 95.7390, 37.1037,
139.6719

Harmonies

Analogous

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



198.7160, 27.7480, 13.4041



200.0380, 12.7993, 48.2017



192.4290, -3.6625, 54.8748

Triad

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



200.0380, 12.7993, 48.2017



190.7240, -38.3179, 16.9051



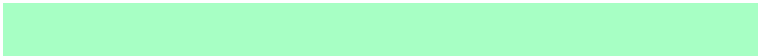
153.4340, 44.6490, -134.5616

Complementary

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



200.0380, 12.7993, 48.2017



221.9620, -12.7993, -48.2017

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.



164.8020, 19.8176, -103.3124



200.0380, 12.7993, 48.2017



185.8490, -28.0266, -17.4076

Square

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



200.0380, 12.7993, 48.2017



193.9540, -36.9523, 45.6443



178.5850, -7.6834, -55.7640



173.0040, 40.4240, -85.9495

Rectangle

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



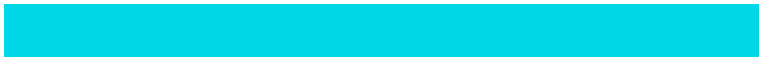
200.0380, 12.7993, 48.2017



191.6990, -16.6136, 55.5150



178.5850, -7.6834, -55.7640



153.2400, 38.8287, -134.3915

Sweetspot

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



200.0380, 12.7993, 48.2017



239.4130, 3.7404, 13.6698



185.4040, 34.3108, 8.4157



117.9240, 2.0095, 8.8367



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.



200.0380, 12.7993, 48.2017



189.4890, 15.5349, 57.4531



195.1360, -5.9830, 52.5007



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Inverse Universe

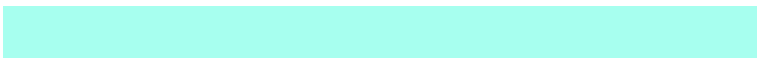
The Inverse Universe completely reimagines the original color for something new.



200.0380, 12.7993, 48.2017



189.4890, 15.5349, 57.4531



226.8640, 5.9830, -52.5007



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 200.0380, 12.7993, 48.2017 looks on a white background.

Color Contrast Check

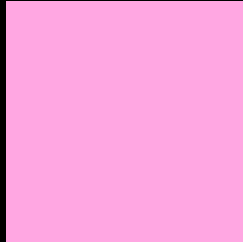
Large Text (above 18pt) WCAG AA × Fail

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 200.0380, 12.7993, 48.2017 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 200.0380, 12.7993, 48.2017

Background



This preview shows how black text looks on a background with the YUV color 200.0380, 12.7993, 48.2017.



This preview shows how white text looks on a background with the YUV color 200.0380, 12.7993,

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

200.0380, 12.7993, 48.2017

Protanopia

195.8240, 23.7508, -11.2466

Deuteranopia

197.2360, 12.2087, 4.1780



Tritanopia

198.2060, -5.5246, 45.4233

Trichromacy



Original Color

200.0380, 12.7993, 48.2017



Protanomaly

197.5170, 19.4651, 10.0706



Deuteranomaly

198.3350, 12.1598, 19.8772



Tritanomaly

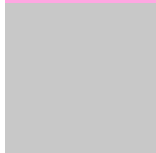
198.6390, 1.1640, 46.7976

Monochromacy



Original Color

200.0380, 12.7993, 48.2017



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.9620, 4.4557, 17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.0380, 12.7993, 48.2017 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, 167, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 226)  
}
```

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, 167, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 226) }
```

Border

The CSS property to change the border of an element to YUV 200.0380, 12.7993, 48.2017 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, 167, 226) }
```


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

```
.border{ border-color:rgb(255, 167, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 200.0380, 12.7993, 48.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 226) }
```

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

```
.background{ background-color: rgb(255,  
167, 226) }
```

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