

Converting Colors

YUV(128.0020, 21.1980,
107.8692)

Have a look what the booklet for
YUV(128.0020, 21.1980, 107.8692)
contains.

YUV(128.0020, 21.1980, 107.8692)	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(128.0020, 21.1980,
107.8692)**

Conversions

Conversions Part 1

Format	Color
Hex	FB39AB
RGB	251, 57, 171
RGB Percent	98%, 22%, 67%
CMY	0.0157, 0.7765, 0.3294
CMYK	0.00, 0.77, 0.32, 0.02
HSL	325°, 96%, 60%
HSV	325°, 77%, 98%
XYZ	48.5975, 26.3758, 41.0577
YIQ	128.0020, 79.0300, 76.5820

Conversions

Conversions Part 2

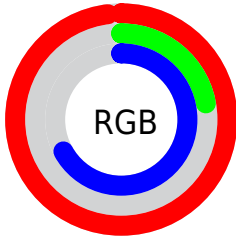
Format	Color
RYB	251, 57, 171
Decimal	16464299
CIELab	58.39, 79.16, -16.23
CIELCh	58, 80.809, 348.414
Yxy	26.3758, 0.4188, 0.2273
Android (android.graphics.Color)	4294654379 (0xFFFB39AB)
YUV	128.0020, 21.1980, 107.8692
Hunter-Lab	51.3573, 79.0324, -11.4494

Details

The YUV color **128.0020, 21.1980, 107.8692** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **179.9980, -21.1980, -107.8692**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2100, 25.5325, 70.8528**, and **70.0770, 24.1190, 104.2955** is the 20% darker color. If you saturate the color by 10%, you get **112.1870, 24.0648, 121.7390**, and if you desaturate by 10%, it is **143.8170, 18.3312, 93.9995**.

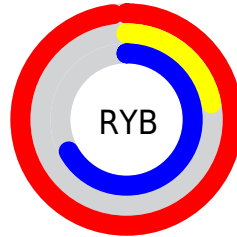
Distribution



Red (98%)

Green (22%)

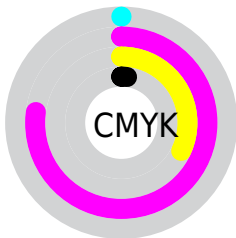
Blue (67%)



Red (98%)

Yellow (22%)

Blue (67%)

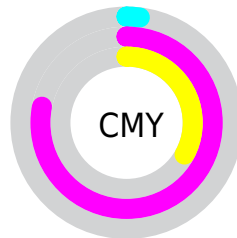


Cyan (0%)

Magenta (77%)

Yellow (32%)

Black (2%)



Cyan (2%)


Magenta (78%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.0020, 21.1980, 107.8692 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 128.0020, 21.1980, 107.8692 by changing the saturation by 10% instead.

 128.0020, 21.1980,
107.8692


 128.0020, 21.1980,
107.8692

255.0000, 0.0000,
0.0000

 82.1960, 30.4694,
120.8541


 174.2100, 25.5325,
70.8528


 70.0770, 24.1190,
104.2955

 195.1260, 29.5179,
52.5095

 58.2570, 17.6213,
88.3516


 212.7360, 20.8362,
37.0655

 46.5510, 11.5604,
72.3078

 230.3460, 12.1544,
21.6216

 35.3720, 6.2256,
56.6788

 247.9560, 3.4727,
6.1776

 24.6060, 1.1802,
41.5645

 12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 128.0020, 21.1980,
107.8692

■ 128.0020, 21.1980,
107.8692

■ 112.1870, 24.0648,
121.7390

■ 143.8170, 18.3312,
93.9995

■ 96.2580, 26.4948,
135.7087

■ 159.7460, 15.9012,
80.0298

■ 91.8070, 27.2101,
139.6123

■ 175.5610, 13.0344,
66.1600

■ 191.3760, 10.1676,
52.2902

■ 207.8920, 7.4482,
37.8057

223.7070, 4.5814,
23.9360

239.5220, 1.7147,
10.0662

253.6900, 0.1528,
-2.3591

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



143.0340, 45.8322, 46.4512



128.0020, 21.1980, 107.8692



119.9300, -9.8255, 118.4564

Triad

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



128.0020, 21.1980, 107.8692



126.6210, -62.4242, 2.0864



126.6600, 58.8346, -111.0808

Complementary

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



128.0020, 21.1980, 107.8692



179.9980, -21.1980, -107.8692

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.



121.2390, 30.4482, -106.3266



128.0020, 21.1980, 107.8692



99.8130, -33.9248, -85.7820

Square

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



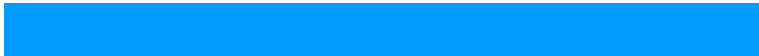
128.0020, 21.1980, 107.8692



131.9570, -65.0548, 52.6577



111.7430, -0.8593, -97.9986



121.2290, 65.9491, -106.3178

Rectangle

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



128.0020, 21.1980, 107.8692



127.9800, -35.9791, 107.0115



111.7430, -0.8593, -97.9986



125.6680, 49.9567, -110.2108

Sweetspot

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



128.0020, 21.1980, 107.8692



217.6310, 6.5909, 32.7726



102.4380, 73.2411, 28.5569



105.1580, 3.8661, 20.0324



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.



128.0020, 21.1980, 107.8692



104.7090, 25.7795, 131.8052



117.1720, -20.2978, 117.3672



116.7990, 1.5781, 7.1923



69.1650, 20.6247, 105.0953



22.3430, 6.7329, 33.9022

Inverse Universe

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



128.0020, 21.1980, 107.8692



104.7090, 25.7795, 131.8052



190.8280, 20.2978, -117.3672



116.7990, 1.5781, 7.1923



69.1650, 20.6247, 105.0953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 128.0020, 21.1980, 107.8692 looks on a white background.

Color Contrast Check

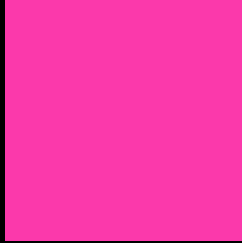
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.0020, 21.1980, 107.8692 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 × Fail

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

YUV 128.0020, 21.1980, 107.8692 Background



This preview shows how black text looks on a background with the YUV color 128.0020, 21.1980, 107.8692.



This preview shows how white text looks on a background with the YUV color 128.0020, 21.1980,

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

128.0020, 21.1980, 107.8692

Protanopia

138.3930, 44.1763, -29.2857

Deuteranopia

142.1280, 9.3039, 2.5187



Tritanopia

132.0080, -21.6959, 99.0940

Trichromacy



Original Color

128.0020, 21.1980, 107.8692



Protanomaly

134.8230, 35.5833, 20.3262



Deuteranomaly

137.2220, 13.6946, 41.0243



Tritanomaly

130.7430, -6.2823, 101.9574

Monochromacy



Original Color

128.0020, 21.1980, 107.8692



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.0170, 7.8796, 39.4501

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0020, 21.1980, 107.8692 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(251, 57, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 57, 171)  
}
```

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(251, 57, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 57, 171) }
```

Border

The CSS property to change the border of an element to YUV 128.0020, 21.1980, 107.8692 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(251, 57, 171) }
```


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

```
.border{ border-color:rgb(251, 57, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 57, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 57, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 57, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 57,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 128.0020, 21.1980, 107.8692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 57, 171) }
```

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

```
.background{ background-color: rgb(251, 57,  
171) }
```

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