

Converting Colors

YUV(120.9310, 22.2190,
107.0545)

Have a look what the booklet for
YUV(120.9310, 22.2190, 107.0545)
contains.

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Color

**YUV(120.9310, 22.2190,
107.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	F332A6
RGB	243, 50, 166
RGB Percent	95%, 20%, 65%
CMY	0.0471, 0.8039, 0.3490
CMYK	0.00, 0.79, 0.32, 0.05
HSL	324°, 89%, 57%
HSV	324°, 79%, 95%
XYZ	44.9857, 24.0891, 38.3550
YIQ	120.9310, 77.7920, 76.9920

Conversions

Conversions Part 2

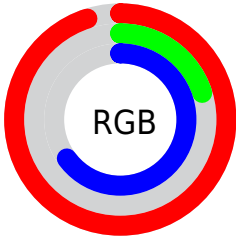
Format	Color
R_{YB}	243, 50, 166
Decimal	15938214
CIE _{Lab}	56.18, 78.55, -16.81
CIE _{LCh}	56, 80.327, 347.924
Yxy	24.0891, 0.4187, 0.2242
Android (android.graphics.Color)	4294128294 (0xFFFF332A6)
YUV	120.9310, 22.2190, 107.0545
Hunter-Lab	49.0806, 77.7162, -11.9769

Details

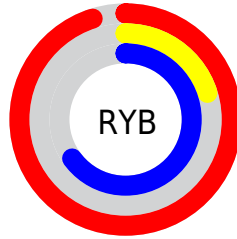
The YUV color **120.9310, 22.2190, 107.0545** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **172.0690, -22.2190, -107.0545**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1180, 25.0848, 74.4415**, and **67.4140, 22.9669, 100.4919** is the 20% darker color. If you saturate the color by 10%, you get **105.7030, 24.7964, 120.4095**, and if you desaturate by 10%, it is **136.1590, 19.6416, 93.6996**.

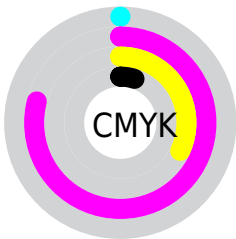
Distribution



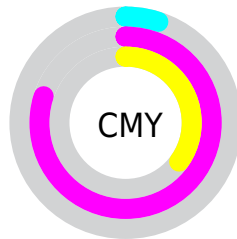
- Red (95%)
- Green (20%)
- Blue (65%)



- Red (95%)
- Yellow (20%)
- Blue (65%)



- Cyan (0%)
- Magenta (79%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.9310, 22.2190, 107.0545 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 120.9310, 22.2190, 107.0545 by changing the saturation by 10% instead.

 120.9310, 22.2190,
107.0545


 120.9310, 22.2190,
107.0545


255.0000, 0.0000,
0.0000


 79.3480, 29.9014,
116.3358


 170.1180, 25.0848,
74.4415


 67.4140, 22.9669,
100.4919


 191.0340, 29.0702,
56.0982


 55.5940, 16.4692,
84.5481


 209.2140, 22.5725,
40.1543

 44.0020, 10.8450,
68.4042

 226.8240, 13.8908,
24.7104

 32.8230, 5.5103,
52.7752

 244.4340, 5.2090,
9.2664

 21.7580, 0.6123,
37.0462

 9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 120.9310, 22.2190,
107.0545

■ 120.9310, 22.2190,
107.0545

■ 105.7030, 24.7964,
120.4095

■ 136.1590, 19.6416,
93.6996

■ 90.0020, 28.1000,
134.1792

■ 151.8600, 16.3380,
79.9298

■ 89.3010, 27.9526,
134.7940

■ 167.0880, 13.7606,
66.5748

■ 182.3160, 11.1832,
53.2199

■ 197.4300, 8.1690,
39.9649

213.2450, 5.3022,
26.0951

228.4730, 2.7248,
12.7402

243.7010, 0.1474,
-0.6148

251.1840, 0.8953,
-7.1774

Harmonies

Analogous

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



137.0230, 45.8377, 44.7068



120.9310, 22.2190, 107.0545



114.7780, -9.2576, 122.9747

Triad

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



120.9310, 22.2190, 107.0545



121.6040, -59.9508, 2.1013



122.2260, 57.0766, -107.1922

Complementary

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



120.9310, 22.2190, 107.0545



172.0690, -22.2190, -107.0545

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.



116.9190, 29.1269, -102.5380



120.9310, 22.2190, 107.0545



94.6670, -35.8248, -83.0230

Square

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



120.9310, 22.2190, 107.0545



126.6410, -62.4340, 52.0578



107.4230, -2.1805, -94.2100



117.7070, 67.6854, -103.2290

Rectangle

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



120.9310, 22.2190, 107.0545



121.4360, -34.2319, 106.6116



107.4230, -2.1805, -94.2100



121.3480, 48.6354, -106.4222

Sweetspot

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



120.9310, 22.2190, 107.0545



216.4570, 7.1697, 33.8022



94.1280, 73.3939, 26.1977



104.5710, 4.1555, 20.5472



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.



120.9310, 22.2190, 107.0545



101.8880, 27.6632, 134.2792



110.3290, -18.4032, 116.3525



114.5000, 1.7255, 6.5775



68.3820, 21.5037, 103.1510



21.6310, 6.5909, 32.7726

Inverse Universe

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



120.9310, 22.2190, 107.0545



101.8880, 27.6632, 134.2792



182.6710, 18.4032, -116.3525



114.5000, 1.7255, 6.5775



68.3820, 21.5037, 103.1510



21.6310, 6.5909, 32.7726

Previews

White Background



This preview shows how the YUV color 120.9310, 22.2190, 107.0545 looks on a white background.

Color Contrast Check

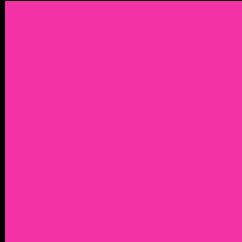
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9310, 22.2190, 107.0545 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 120.9310, 22.2190, 107.0545 Background



This preview shows how black text looks on a background with the YUV color 120.9310, 22.2190, 107.0545.



This preview shows how white text looks on a background with the YUV color 120.9310, 22.2190,

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

120.9310, 22.2190, 107.0545

Protanopia

132.3220, 45.1973, -30.1004

Deuteranopia

136.5300, 9.5987, 1.2892



Tritanopia

125.9970, -21.6905, 97.3496

Trichromacy



Original Color

120.9310, 22.2190, 107.0545



Protanomaly

128.1650, 36.8937, 20.0263



Deuteranomaly

130.7380, 14.4262, 39.6948



Tritanomaly

124.2590, -5.5507, 100.6279

Monochromacy



Original Color

120.9310, 22.2190, 107.0545



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.7180, 8.0270, 38.8353

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9310, 22.2190, 107.0545 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(243, 50, 166)` looks like.

```
.text, #text, p{  
    color:rgb(243, 50, 166)  
}
```

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(243, 50, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 50, 166) }
```

Border

The CSS property to change the border of an element to YUV 120.9310, 22.2190, 107.0545 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(243, 50, 166) }
```


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

```
.border{ border-color:rgb(243, 50, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 50, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 50, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 50, 166);  
box-shadow:4px 4px 4px 4px rgb(243, 50,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 120.9310, 22.2190, 107.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 50, 166) }
```

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

```
.background{ background-color: rgb(243, 50,  
166) }
```

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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