

Converting Colors

YUV(111.2120, 32.9265,
126.1021)

Have a look what the booklet for
YUV(111.2120, 32.9265, 126.1021)
contains.

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Color

**YUV(111.2120, 32.9265,
126.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	FF19B2
RGB	255, 25, 178
RGB Percent	100%, 10%, 70%
CMY	0.0000, 0.9020, 0.3020
CMYK	0.00, 0.90, 0.30, 0.00
HSL	320°, 100%, 55%
HSV	320°, 90%, 100%
XYZ	49.6235, 25.1696, 44.3623
YIQ	111.2120, 87.9670, 96.3430

Conversions

Conversions Part 2

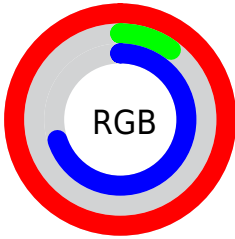
Format	Color
R_{YB}	255, 25, 178
Decimal	16718258
CIE _{Lab}	57.24, 86.92, -21.99
CIE _{LCh}	57, 89.660, 345.802
Yxy	25.1696, 0.4165, 0.2112
Android (android.graphics.Color)	4294908338 (0xFFFF19B2)
YUV	111.2120, 32.9265, 126.1021
Hunter-Lab	50.1693, 88.7617, -17.3087

Details

The YUV color **111.2120, 32.9265, 126.1021** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **168.7880, -32.9265, -126.1021**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7300, 33.6571, 78.2898**, and **71.9570, 26.1502, 106.1547** is the 20% darker color. If you saturate the color by 10%, you get **95.6250, 36.6669, 139.7719**, and if you desaturate by 10%, it is **126.9130, 29.6229, 112.3323**.

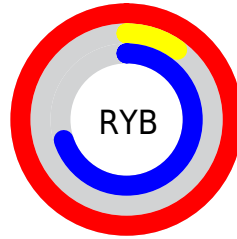
Distribution



Red (100%)

Green (10%)

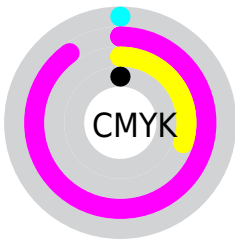
Blue (70%)



Red (100%)

Yellow (10%)

Blue (70%)

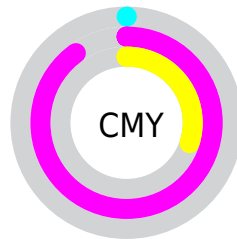


Cyan (0%)

Magenta (90%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.2120, 32.9265, 126.1021 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 111.2120, 32.9265, 126.1021 by changing the saturation by 10% instead.


 111.2120, 32.9265,
126.1021


 111.2120, 32.9265,
126.1021


255.0000, 0.0000,
0.0000


 84.1900, 32.9373,
122.6134


 165.7300, 33.6571,
78.2898


 71.9570, 26.1502,
106.1547

 186.9080, 33.5694,
59.7167


 59.8380, 19.7999,
89.5961

 205.1050, 24.5982,
43.7579

 48.1320, 13.7389,
73.5522

 223.3020, 15.6271,
27.7991

 36.5400, 8.1148,
57.4084

 240.9120, 6.9454,
12.3552

 25.4750, 3.2168,
41.6794

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 111.2120, 32.9265,
126.1021

■ 111.2120, 32.9265,
126.1021

■ 95.6250, 36.6669,
139.7719

■ 126.9130, 29.6229,
112.3323

■ 143.0870, 25.5931,
98.1477

■ 158.7880, 22.2895,
84.3779

■ 174.9620, 18.2597,
70.1933

■ 190.6630, 14.9561,
56.4235

■ 206.8370, 10.9264,
42.2390

■ 222.5380, 7.6228,
28.4692

■ 238.7120, 3.5930,
14.2846

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



138.7870, 53.8420, 44.0368



111.2120, 32.9265, 126.1021



87.6450, 6.0910, 146.7703

Triad

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



111.2120, 32.9265, 126.1021



124.8600, -61.5560, 3.6308



127.0020, 60.1450, -111.3808

Complementary

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



111.2120, 32.9265, 126.1021



168.7880, -32.9265, -126.1021

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.



120.0820, 28.5536, -105.3119



111.2120, 32.9265, 126.1021



94.5070, -46.5920, -82.8826

Square

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



111.2120, 32.9265, 126.1021



129.3430, -63.7661, 59.3352



109.5600, -6.6851, -96.0841



121.8160, 65.6597, -106.8326

Rectangle

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



111.2120, 32.9265, 126.1021



115.9910, -32.5336, 121.9109



109.5600, -6.6851, -96.0841



125.1950, 50.6829, -109.7960

Sweetspot

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



111.2120, 32.9265, 126.1021



211.8750, 9.9216, 37.8206



74.2430, 89.1132, 24.3429



102.3370, 5.7499, 22.5065



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.



111.2120, 32.9265, 126.1021



95.6250, 36.6669, 139.7719



98.1020, -17.3053, 137.5995



119.7990, 1.5781, 7.1923



71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Inverse Universe

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



111.2120, 32.9265, 126.1021



95.6250, 36.6669, 139.7719



181.8980, 17.3053, -137.5995



119.7990, 1.5781, 7.1923



71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 111.2120, 32.9265, 126.1021 looks on a white background.

Color Contrast Check

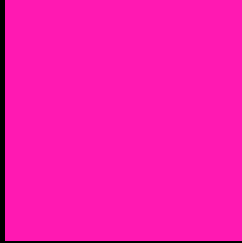
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.2120, 32.9265, 126.1021 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 111.2120, 32.9265, 126.1021 Background



This preview shows how black text looks on a background with the YUV color 111.2120, 32.9265, 126.1021.



This preview shows how white text looks on a background with the YUV color 111.2120, 32.9265, 126.1021.

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

111.2120, 32.9265, 126.1021

Protanopia

131.4910, 58.9179, -44.2806

Deuteranopia

139.1320, 13.2459, -1.8698



Tritanopia

125.6670, -24.4858, 107.2860

Trichromacy



Original Color

111.2120, 32.9265, 126.1021



Protanomaly

123.7700, 49.4134, 17.7417



Deuteranomaly

128.9650, 20.2303, 44.7577



Tritanomaly

120.8030, -3.8469, 114.1828

Monochromacy



Original Color

111.2120, 32.9265, 126.1021



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

111.0870, 11.7891, 45.5277

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2120, 32.9265, 126.1021 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, 25, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 25, 178)  
}
```

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, 25, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 25, 178) }
```

Border

The CSS property to change the border of an element to YUV 111.2120, 32.9265, 126.1021 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, 25, 178) }
```


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

```
.border{ border-color:rgb(255, 25, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 25, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 25, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 25, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 25,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 111.2120, 32.9265, 126.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 25, 178) }
```

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

```
.background{ background-color: rgb(255, 25,  
178) }
```

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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