

Converting Colors

YUV(115.7600, 35.1213,
122.1135)

Have a look what the booklet for
YUV(115.7600, 35.1213, 122.1135)
contains.

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Color

**YUV(115.7600, 35.1213,
122.1135)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1FBB
RGB	255, 31, 187
RGB Percent	100%, 12%, 73%
CMY	0.0000, 0.8784, 0.2667
CMYK	0.00, 0.88, 0.27, 0.00
HSL	318°, 100%, 56%
HSV	318°, 88%, 100%
XYZ	50.6996, 25.8278, 49.3268
YIQ	115.7600, 83.4280, 96.0040

Conversions

Conversions Part 2

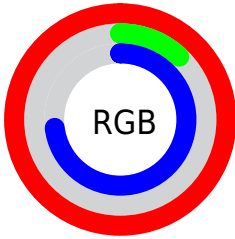
Format	Color
R_{YB}	255, 31, 187
Decimal	16719803
CIE _{Lab}	57.87, 87.08, -26.24
CIE _{LCh}	58, 90.949, 343.233
Yxy	25.8278, 0.4028, 0.2052
Android (android.graphics.Color)	4294909883 (0xFFFF1FBB)
YUV	115.7600, 35.1213, 122.1135
Hunter-Lab	50.8211, 89.1365, -21.9720

Details

The YUV color **115.7600, 35.1213, 122.1135** 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 **170.2400, -35.1213, -122.1135**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5170, 36.7201, 75.8456**, and **72.9830, 30.0814, 105.2549** is the 20% darker color. If you saturate the color by 10%, you get **100.1730, 38.8617, 135.7833**, and if you desaturate by 10%, it is **131.9340, 31.0915, 107.9289**.

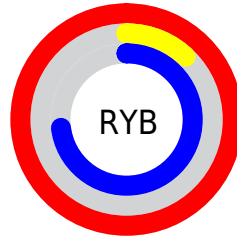
Distribution



Red (100%)

Green (12%)

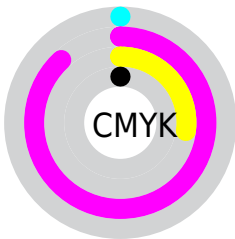
Blue (73%)



Red (100%)

Yellow (12%)

Blue (73%)

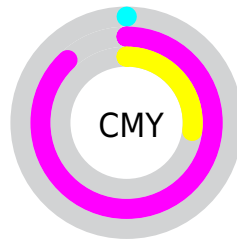


Cyan (0%)

Magenta (88%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (88%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.7600, 35.1213, 122.1135 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 115.7600, 35.1213, 122.1135 by changing the saturation by 10% instead.


 115.7600, 35.1213,
122.1135


 115.7600, 35.1213,
122.1135


255.0000, 0.0000,
0.0000


 85.2160, 36.8685,
121.7136


 168.5170, 36.7201,
75.8456

 72.9830, 30.0814,
105.2549


 188.6690, 32.7012,
58.1723

 61.0490, 23.1468,
89.4110


 206.2790, 24.0195,
42.7283

 48.9300, 16.7965,
72.8524

 224.4760, 15.0483,
26.7695

 37.6370, 11.0250,
57.3234

 242.6730, 6.0772,
10.8108

 26.7570, 5.5428,
42.3091

 14.7520, -0.3707,

25.6505

■ 0.0000, 0.0000,
0.0000

■ 115.7600, 35.1213,
122.1135

■ 115.7600, 35.1213,
122.1135

■ 100.1730, 38.8617,
135.7833

■ 131.9340, 31.0915,
107.9289

■ 96.5370, 40.1613,
138.9721

■ 147.4070, 26.9143,
94.3591

■ 162.9940, 23.1740,
80.6893

■ 179.1680, 19.1442,
66.5047

■ 195.3420, 15.1144,
52.3201

210.8150, 10.9372,
38.7502

226.9890, 6.9074,
24.5656

242.5760, 3.1670,
10.8958

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



140.4270, 56.4845, 36.4595



115.7600, 35.1213, 122.1135



88.5570, 9.5854, 145.9705

Triad

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



115.7600, 35.1213, 122.1135



127.2520, -62.7352, 8.5490



128.6490, 58.8400, -112.8252

Complementary

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



115.7600, 35.1213, 122.1135



170.2400, -35.1213, -122.1135

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.



120.8000, 26.2276, -105.9416



115.7600, 35.1213, 122.1135



96.5890, -47.6184, -80.3236

Square

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



115.7600, 35.1213, 122.1135



131.1480, -64.6560, 64.7682



109.4630, -9.5953, -95.9991



123.5770, 64.7915, -108.3770

Rectangle

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



115.7600, 35.1213, 122.1135



113.2670, -27.7396, 124.2998



109.4630, -9.5953, -95.9991



126.6140, 48.5043, -111.0405

Sweetspot

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



115.7600, 35.1213, 122.1135



213.9780, 10.3638, 35.9763



76.5690, 87.9665, 18.7950



103.1520, 6.3341, 21.7917



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.



119.7600, 35.1213, 122.1135



96.5370, 40.1613, 138.9721



103.1060, -13.3633, 133.2110



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Inverse Universe

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



115.7600, 35.1213, 122.1135



96.5370, 40.1613, 138.9721



182.8940, 13.3633, -133.2110



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 115.7600, 35.1213, 122.1135 looks on a white background.

Color Contrast Check

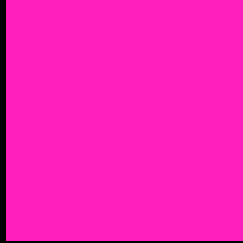
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7600, 35.1213, 122.1135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

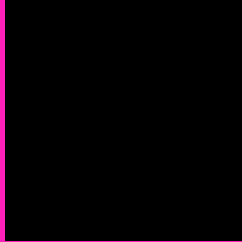
Any Text WCAG AA ✓ Pass

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 115.7600, 35.1213, 122.1135 Background



This preview shows how black text looks on a background with the YUV color 115.7600, 35.1213, 122.1135.



This preview shows how white text looks on a background with the YUV color 115.7600, 35.1213, 122.1135.

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

115.7600, 35.1213, 122.1135

Protanopia

132.8220, 60.2338, -46.3249

Deuteranopia

140.4350, 17.0405, -5.6435



Tritanopia

128.9870, -23.1646, 103.4974

Trichromacy



Original Color

115.7600, 35.1213, 122.1135



Protanomaly

126.8020, 50.8766, 15.0826



Deuteranomaly

131.1540, 23.5881, 41.0839



Tritanomaly

124.2370, -2.0888, 110.2942

Monochromacy



Original Color

115.7600, 35.1213, 122.1135



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.0160, 12.8101, 44.7130

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7600, 35.1213, 122.1135 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, 31, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 31, 187)  
}
```

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, 31, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 31, 187) }
```

Border

The CSS property to change the border of an element to YUV 115.7600, 35.1213, 122.1135 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, 31, 187) }
```


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

```
.border{ border-color:rgb(255, 31, 187) }
```

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

Here you see how a box with a 4 pixel rgb(255, 31, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 31, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 31, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 31,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 115.7600, 35.1213, 122.1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 31, 187) }
```

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

```
.background{ background-color: rgb(255, 31,  
187) }
```

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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