

Converting Colors

YUV(102.1670, 21.1167,
134.0345)

Have a look what the booklet for
YUV(102.1670, 21.1167, 134.0345)
contains.

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Color

**YUV(102.1670, 21.1167,
134.0345)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1091
RGB	255, 16, 145
RGB Percent	100%, 6%, 57%
CMY	0.0000, 0.9373, 0.4314
CMYK	0.00, 0.94, 0.43, 0.00
HSL	328°, 100%, 53%
HSV	328°, 94%, 100%
XYZ	46.5361, 23.6749, 28.9051
YIQ	102.1670, 101.0350, 90.7870

Conversions

Conversions Part 2

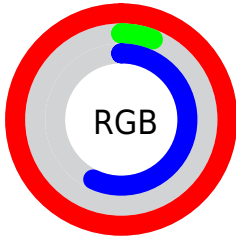
Format	Color
R_{YB}	255, 16, 145
Decimal	16715921
CIE _{Lab}	55.76, 84.77, -4.81
CIE _{LCh}	56, 84.905, 356.750
Yxy	23.6749, 0.4695, 0.2389
Android (android.graphics.Color)	4294906001 (0xFFFF1091)
YUV	102.1670, 21.1167, 134.0345
Hunter-Lab	48.6569, 85.5704, -1.1619

Details

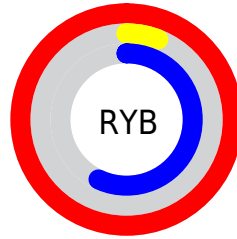
The YUV color **102.1670, 21.1167, 134.0345** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **168.8330, -21.1167, -134.0345**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3920, 19.5267, 83.8482**, and **68.2380, 13.1937, 108.5393** is the 20% darker color. If you saturate the color by 10%, you get **91.9770, 22.6893, 142.9712**, and if you desaturate by 10%, it is **118.7970, 18.8341, 119.4500**.

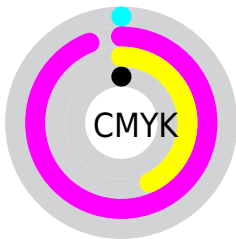
Distribution



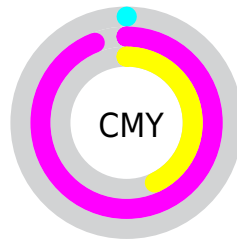
- Red (100%)
- Green (6%)
- Blue (57%)



- Red (100%)
- Yellow (6%)
- Blue (57%)



- Cyan (0%)
- Magenta (94%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.1670, 21.1167, 134.0345 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 102.1670, 21.1167, 134.0345 by changing the saturation by 10% instead.


 102.1670, 21.1167,
134.0345


 102.1670, 21.1167,
134.0345


255.0000, 0.0000,
0.0000


 80.2430, 19.1072,
125.1979


 159.3920, 19.5267,
83.8482


 68.2380, 13.1937,
108.5393


 181.3680, 22.4966,
64.5753

 56.2330, 7.2801,
91.8807


 202.7570, 25.7558,
45.8171

 44.4560, 2.2402,
75.0221

 220.9540, 16.7847,
29.8583

 32.9070, -1.9262,
57.9636

 238.5640, 8.1029,
14.4144

 21.2720, -9.0081,
42.7345

 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 102.1670, 21.1167,
134.0345

■ 102.1670, 21.1167,
134.0345

■ 91.9770, 22.6893,
142.9712

■ 118.7970, 18.8341,
119.4500

■ 134.7260, 16.4041,
105.4803

■ 151.3560, 14.1215,
90.8958

■ 167.3990, 12.1283,
76.8261

■ 184.0290, 9.8457,
62.2416

■ 199.9580, 7.4157,
48.2718

■ 216.5880, 5.1331,
33.6873

■ 232.6310, 3.1399,
19.6176

■ 249.2610, 0.8573,
5.0331

Harmonies

Analogous

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



130.8630, 41.9725, 71.1571



102.1670, 21.1167, 134.0345



110.9820, -18.7251, 126.3038

Triad

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



102.1670, 21.1167, 134.0345



115.8790, -57.1283, -16.5569



122.9900, 65.0809, -107.8622

Complementary

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



102.1670, 21.1167, 134.0345



168.8330, -21.1167, -134.0345

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.



119.5410, 39.1733, -104.8375



102.1670, 21.1167, 134.0345



98.1210, -27.6677, -86.0521

Square

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



102.1670, 21.1167, 134.0345



125.6670, -61.9538, 38.0030



110.2900, 6.2660, -96.7243



114.7720, 69.1324, -100.6550

Rectangle

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



102.1670, 21.1167, 134.0345



120.1030, -49.3508, 102.5187



110.2900, 6.2660, -96.7243



122.5680, 58.3870, -107.4921

Sweetspot

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



102.1670, 21.1167, 134.0345



209.5610, 6.1324, 39.8500



75.5380, 88.4748, 42.5012



99.8920, 3.9972, 24.6507



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.



102.1670, 21.1167, 134.0345



91.9770, 22.6893, 142.9712



88.8290, -29.9887, 145.7320



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465

Inverse Universe

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



102.1670, 21.1167, 134.0345



91.9770, 22.6893, 142.9712



182.1710, 29.9887, -145.7320



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 102.1670, 21.1167, 134.0345 looks on a white background.

Color Contrast Check

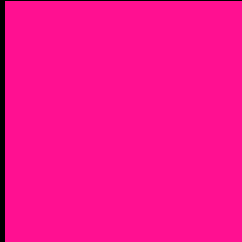
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.1670, 21.1167, 134.0345 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 102.1670, 21.1167, 134.0345 Background



This preview shows how black text looks on a background with the YUV color 102.1670, 21.1167, 134.0345.

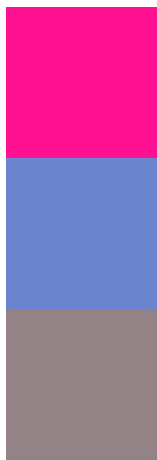


This preview shows how white text looks on a background with the YUV color 102.1670, 21.1167, 134.0345.

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

102.1670, 21.1167, 134.0345

Protanopia

133.0750, 36.4450, -22.8678

Deuteranopia

135.5390, -0.7587, 10.0513



Tritanopia

116.2230, -27.7179, 117.3224

Trichromacy



Original Color

102.1670, 21.1167, 134.0345



Protanomaly

121.9450, 30.5931, 34.2512



Deuteranomaly

123.5890, 7.1046, 54.7344



Tritanomaly

110.9630, -9.8418, 123.6894

Monochromacy



Original Color

102.1670, 21.1167, 134.0345



Achromatopsia

102.0000, 0.0000, 0.0000



Achromatomaly

102.3710, 7.7051, 48.7866

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.1670, 21.1167, 134.0345 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, 16, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 16, 145)  
}
```

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, 16, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 16, 145) }
```

Border

The CSS property to change the border of an element to YUV 102.1670, 21.1167, 134.0345 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, 16, 145) }
```


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

```
.border{ border-color:rgb(255, 16, 145) }
```

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

Here you see how a box with a 4 pixel rgb(255, 16, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 16, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 16, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 16,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 102.1670, 21.1167, 134.0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 16, 145) }
```

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

```
.background{ background-color: rgb(255, 16,  
145) }
```

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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