

# Converting Colors

YUV(106.1110, 26.0743,  
130.5757)

Have a look what the booklet for  
YUV(106.1110, 26.0743, 130.5757)  
contains.

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# Color

**YUV(106.1110, 26.0743,  
130.5757)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF149F
RGB	255, 20, 159
RGB Percent	100%, 8%, 62%
CMY	0.0000, 0.9216, 0.3765
CMYK	0.00, 0.92, 0.38, 0.00
HSL	325°, 100%, 54%
HSV	325°, 92%, 100%
XYZ	47.7482, 24.2635, 34.9676
YIQ	106.1110, 95.4410, 93.0490

# Conversions

## Conversions Part 2

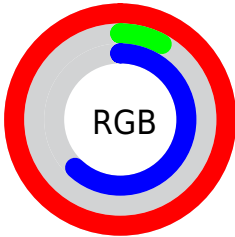
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 20, 159
Decimal	16716959
CIE <sub>Lab</sub>	56.35, 85.62, -12.22
CIE <sub>LCh</sub>	56, 86.486, 351.878
Yxy	24.2635, 0.4463, 0.2268
Android (android.graphics.Color)	4294907039 (0xFFFF149F)
YUV	106.1110, 26.0743, 130.5757
Hunter-Lab	49.2580, 86.8271, -7.6086

# Details

The YUV color **106.1110, 26.0743, 130.5757** 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 **168.8890, -26.0743, -130.5757**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2760, 25.4999, 81.3189**, and **69.7200, 18.8720, 107.2396** is the 20% darker color. If you saturate the color by 10%, you get **93.4590, 28.3677, 141.6715**, and if you desaturate by 10%, it is **122.5130, 22.9181, 116.1911**.

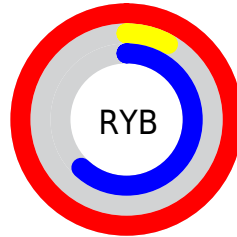
# Distribution



Red (100%)

Green (8%)

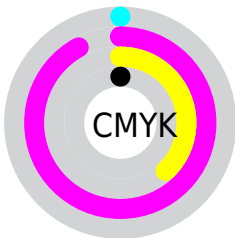
Blue (62%)



Red (100%)

Yellow (8%)

Blue (62%)

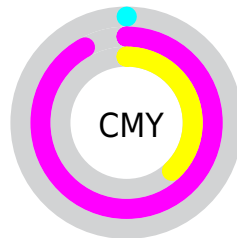


Cyan (0%)

Magenta (92%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (92%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 106.1110, 26.0743, 130.5757 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 106.1110, 26.0743, 130.5757 by changing the saturation by 10% instead.





 106.1110, 26.0743,  
130.5757


 106.1110, 26.0743,  
130.5757


255.0000, 0.0000,  
0.0000


 81.8390, 25.2224,  
123.7982


 162.2760, 25.4999,  
81.3189


 69.7200, 18.8720,  
107.2396

 184.2520, 28.4698,  
62.0460

 57.6010, 12.5217,  
90.6809


 203.9310, 25.1770,  
44.7875

 46.0090, 6.8976,  
74.5371

 221.5410, 16.4953,  
29.3435

 34.3460, 2.2944,  
57.5786

 239.7380, 7.5242,  
13.3848

 23.1670, -3.0403,  
41.9495

 12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,  
0.0000

■ 106.1110, 26.0743,  
130.5757

■ 106.1110, 26.0743,  
130.5757

■ 93.4590, 28.3677,  
141.6715

■ 122.5130, 22.9181,  
116.1911

■ 138.4420, 20.4881,  
102.2214

■ 154.8440, 17.3319,  
87.8368

■ 170.7730, 14.9019,  
73.8671

■ 186.5880, 12.0351,  
59.9973

203.1040, 9.3157,  
45.5128

219.5060, 6.1595,  
31.1282

235.3210, 3.2927,  
17.2585

251.8370, 0.5734,  
2.7740

# Harmonies

## Analogous

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



134.3500, 46.6624, 60.2061



106.1110, 26.0743, 130.5757



105.3060, -10.0109, 131.2816

# Triad

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



106.1110, 26.0743, 130.5757



120.0650, -59.1920, -7.9500



124.6370, 63.7760, -109.3066

# Complementary

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



106.1110, 26.0743, 130.5757



168.8890, -26.0743, -130.5757

# 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.



119.6890, 34.6633, -104.9673



106.1110, 26.0743, 130.5757



96.6560, -35.8194, -84.7673

# Square

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



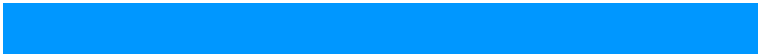
106.1110, 26.0743, 130.5757



127.4940, -62.8545, 46.9248



109.5090, 0.7351, -96.0394



117.7070, 67.6854, -103.2290



# Rectangle

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



106.1110, 26.0743, 130.5757



119.6940, -42.2471, 110.7704



109.5090, 0.7351, -96.0394



123.6450, 54.8980, -108.4367

# Sweetspot

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



106.1110, 26.0743, 130.5757



210.0170, 7.8796, 39.4501



74.8960, 88.7913, 34.2942



100.1200, 4.8708, 24.4508



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.



106.1110, 26.0743, 130.5757



93.4590, 28.3677, 141.6715



93.0010, -24.1575, 142.0731



119.6850, 1.1413, 7.2923



69.9910, 21.2034, 106.1249



23.4680, 7.1643, 35.5466



# Inverse Universe

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



106.1110, 26.0743, 130.5757



93.4590, 28.3677, 141.6715



181.9990, 24.1575, -142.0731



119.6850, 1.1413, 7.2923



69.9910, 21.2034, 106.1249



23.4680, 7.1643, 35.5466



# Previews

## White Background



This preview shows how the YUV color 106.1110, 26.0743, 130.5757 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

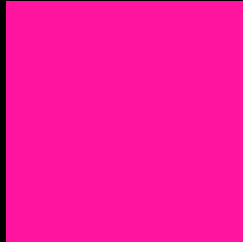
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 106.1110, 26.0743, 130.5757 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 106.1110, 26.0743, 130.5757 Background



This preview shows how black text looks on a background with the YUV color 106.1110, 26.0743, 130.5757.



This preview shows how white text looks on a background with the YUV color 106.1110, 26.0743, 130.5757.



# 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

106.1110, 26.0743, 130.5757

### Protanopia

133.1370, 45.7815, -30.8151

### Deuteranopia

137.1130, 5.3673, 5.1629



## Tritanopia

120.2440, -26.2493, 112.9190

# Trichromacy



## Original Color

106.1110, 26.0743, 130.5757



## Protanomaly

123.3770, 38.7611, 27.7334



## Deuteranomaly

125.7610, 12.9358, 51.0756



## Tritanomaly

115.2120, -7.4995, 119.0861

# Monochromacy



## Original Color

106.1110, 26.0743, 130.5757



## Achromatopsia

106.0000, 0.0000, 0.0000



## Achromatomaly

106.1150, 9.3103, 47.2571

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.1110, 26.0743, 130.5757 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, 20, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 20, 159)  
}
```

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, 20, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 20, 159) }
```

## Border

The CSS property to change the border of an element to YUV 106.1110, 26.0743, 130.5757 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, 20, 159) }
```



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

```
.border{ border-color:rgb(255, 20, 159) }
```

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

Here you see how a box with a 4 pixel rgb(255, 20, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 20, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 20, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 20,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 106.1110, 26.0743, 130.5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 20, 159) }
```

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

```
.background{ background-color: rgb(255, 20,  
159) }
```

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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