

Converting Colors

YUV(159.0330, 20.6897,
84.1631)

Have a look what the booklet for
YUV(159.0330, 20.6897, 84.1631)
contains.

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Color

**YUV(159.0330, 20.6897,
84.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66C9
RGB	255, 102, 201
RGB Percent	100%, 40%, 79%
CMY	0.0000, 0.6000, 0.2118
CMYK	0.00, 0.60, 0.21, 0.00
HSL	321°, 100%, 70%
HSV	321°, 60%, 100%
XYZ	56.5340, 34.9798, 59.0304
YIQ	159.0330, 59.4090, 63.2250

Conversions

Conversions Part 2

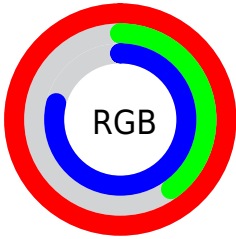
Format	Color
R _Y B	255, 102, 201
Decimal	16737993
CIE Lab	65.73, 68.20, -22.16
CIE LCh	66, 71.708, 341.998
Yxy	34.9798, 0.3755, 0.2324
Android (android.graphics.Color)	4294928073 (0xFFFF66C9)
YUV	159.0330, 20.6897, 84.1631
Hunter-Lab	59.1437, 67.1222, -17.7759

Details

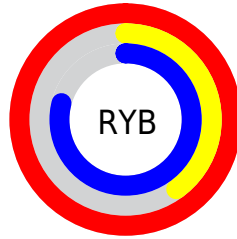
The YUV color **159.0330, 20.6897, 84.1631** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **197.9670, -20.6897, -84.1631**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **97.3690, 24.4681, 85.6224** is the 20% darker color. If you saturate the color by 10%, you get **143.3320, 23.9933, 97.9328**, and if you desaturate by 10%, it is **175.3210, 17.0967, 69.8785**.

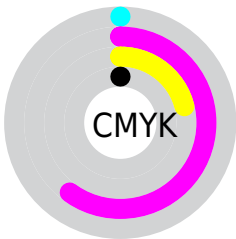
Distribution



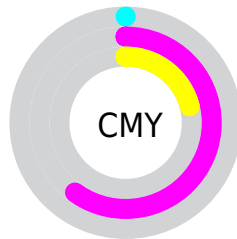
- Red (100%)
- Green (40%)
- Blue (79%)



- Red (100%)
- Yellow (40%)
- Blue (79%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.0330, 20.6897, 84.1631 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 159.0330, 20.6897, 84.1631 by changing the saturation by 10% instead.


 159.0330, 20.6897,
84.1631


 159.0330, 20.6897,
84.1631


255.0000, 0.0000,
0.0000


 129.3750, 22.0001,
83.8631


 199.2350, 27.4921,
48.9059


 97.3690, 24.4681,
85.6224

 216.2580, 19.0998,
33.9767

 63.1290, 28.5304,
89.3409

 233.2810, 10.7075,
19.0476

 51.6080, 21.8853,
74.0118

 250.8910, 2.0257,
3.6036

 40.5000, 15.5295,
59.1975

 29.5060, 9.6105,
44.2832

 19.0390, 4.4178,

29.7838

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 159.0330, 20.6897,
84.1631

■ 159.0330, 20.6897,
84.1631

■ 143.3320, 23.9933,
97.9328

■ 175.3210, 17.0967,
69.8785

■ 127.0440, 27.5863,
112.2174

■ 191.0220, 13.7932,
56.1087

■ 110.7560, 31.1793,
126.5020

■ 207.3100, 10.2002,
41.8241

■ 95.0550, 34.4829,
140.2718

■ 223.0110, 6.8966,
28.0544

239.2990, 3.3036,
13.7698

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.



163.6850, 45.0183, 27.4633



159.0330, 20.6897, 84.1631



147.0410, -4.9502, 94.6800

Triad

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



159.0330, 20.6897, 84.1631



146.7880, -72.3665, 17.7259



137.6990, 52.8994, -120.7620

Complementary

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



159.0330, 20.6897, 84.1631



197.9670, -20.6897, -84.1631

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.



132.6200, 25.8233, -116.3077



159.0330, 20.6897, 84.1631



139.3350, -42.0702, -39.7588

Square

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



159.0330, 20.6897, 84.1631



151.7840, -65.9555, 61.5794



123.1070, -3.0108, -107.9648



133.5560, 59.8719, -117.1286

Rectangle

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



159.0330, 20.6897, 84.1631



149.2970, -26.7684, 92.7015



123.1070, -3.0108, -107.9648



136.7070, 44.0214, -119.8920

Sweetspot

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



159.0330, 20.6897, 84.1631



226.1740, 6.3232, 25.2804



135.5880, 58.8701, 17.9013



109.8370, 4.0244, 15.9290



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.



159.0330, 20.6897, 84.1631



139.5820, 24.8561, 101.2216



150.3690, -12.5069, 91.7614



119.7990, 1.5781, 7.1923



71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Inverse Universe

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



159.0330, 20.6897, 84.1631



139.5820, 24.8561, 101.2216



206.6310, 12.5069, -91.7614



119.7990, 1.5781, 7.1923



71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 159.0330, 20.6897, 84.1631 looks on a white background.

Color Contrast Check

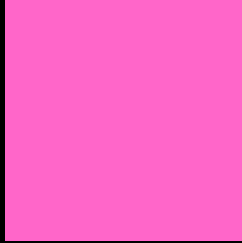
Large Text (above 18pt) WCAG AA × Fail

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 159.0330, 20.6897, 84.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

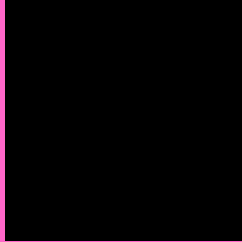
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.0330, 20.6897, 84.1631 Background



This preview shows how black text looks on a background with the YUV color 159.0330, 20.6897, 84.1631.



This preview shows how white text looks on a background with the YUV color 159.0330, 20.6897, 84.1631.

84.1631.

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

159.0330, 20.6897, 84.1631

Protanopia

158.7310, 41.5446, -25.1971

Deuteranopia

161.0010, 15.2825, -1.7549



Tritanopia

159.1840, -15.3737, 77.8916

Trichromacy



Original Color

159.0330, 20.6897, 84.1631



Protanomaly

158.7360, 34.1472, 14.2635



Deuteranomaly

160.0680, 17.2215, 29.7584



Tritanomaly

159.0500, -1.9967, 80.6401

Monochromacy



Original Color

159.0330, 20.6897, 84.1631



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.8480, 7.4699, 30.8283

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0330, 20.6897, 84.1631 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, 102, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 201)  
}
```

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, 102, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 201) }
```

Border

The CSS property to change the border of an element to YUV 159.0330, 20.6897, 84.1631 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, 102, 201) }
```


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

```
.border{ border-color:rgb(255, 102, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 159.0330, 20.6897, 84.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 201) }
```

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

```
.background{ background-color: rgb(255,  
102, 201) }
```

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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