

Converting Colors

YUV(163.7920, 26.2315,
79.9894)

Have a look what the booklet for
YUV(163.7920, 26.2315, 79.9894)
contains.

YUV(163.7920, 26.2315, 79.9894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.7920, 26.2315,
79.9894)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BD9
RGB	255, 107, 217
RGB Percent	100%, 42%, 85%
CMY	0.0000, 0.5804, 0.1490
CMYK	0.00, 0.58, 0.15, 0.00
HSL	315°, 100%, 71%
HSV	315°, 58%, 100%
XYZ	59.0221, 36.7851, 69.6351
YIQ	163.7920, 52.8980, 65.5860

Conversions

Conversions Part 2

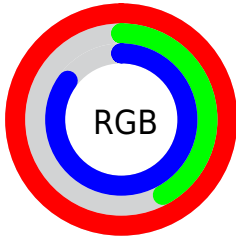
Format	Color
R _{YB}	255, 107, 217
Decimal	16739289
CIE _{Lab}	67.12, 68.32, -29.01
CIE _{LCh}	67, 74.223, 336.992
Yxy	36.7851, 0.3568, 0.2223
Android (android.graphics.Color)	4294929369 (0xFFFF6BD9)
YUV	163.7920, 26.2315, 79.9894
Hunter-Lab	60.6508, 67.5678, -25.6172

Details

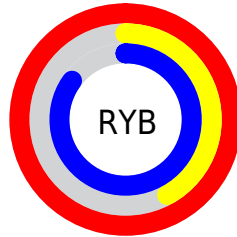
The YUV color **163.7920, 26.2315, 79.9894** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **198.2080, -26.2315, -79.9894**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 26.0452, 46.3319**, and **103.1880, 28.9943, 80.5191** is the 20% darker color. If you saturate the color by 10%, you get **148.3190, 30.4087, 93.5592**, and if you desaturate by 10%, it is **179.8520, 21.7650, 65.9048**.

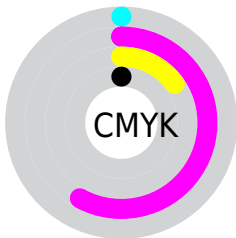
Distribution



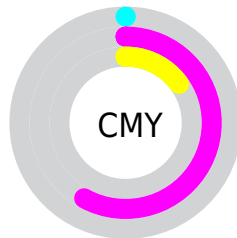
- Red (100%)
- Green (42%)
- Blue (85%)



- Red (100%)
- Yellow (42%)
- Blue (85%)



- Cyan (0%)
- Magenta (58%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7920, 26.2315, 79.9894 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 163.7920, 26.2315, 79.9894 by changing the saturation by 10% instead.

163.7920, 26.2315,
79.9894

163.7920, 26.2315,
79.9894

255.0000, 0.0000,
0.0000

134.6070, 26.8157,
79.2747

202.1700, 26.0452,
46.3319

103.1880, 28.9943,
80.5191

219.1930, 17.6529,
31.4027

65.0240, 34.4982,
88.5560

236.2160, 9.2605,
16.4736

53.5030, 27.8530,
73.2269

253.8260, 0.5788,
1.0296

42.2810, 21.0605,
58.5126

31.1730, 14.7047,
43.6983

20.8910, 8.9277,

29.9136

■ 8.1030, 3.8932,
11.3107

■ 0.0000, 0.0000,
0.0000

■ 163.7920, 26.2315,
79.9894

■ 163.7920, 26.2315,
79.9894

■ 148.3190, 30.4087,
93.5592

■ 179.8520, 21.7650,
65.9048

■ 132.3730, 35.3121,
107.5439

■ 195.2110, 17.1510,
52.4350

■ 116.9000, 39.4893,
121.1137

■ 211.2710, 12.6844,
38.3503

■ 100.9540, 44.3927,
135.0983

■ 226.6300, 8.0704,
24.8805

■ 97.9050, 45.4028,
137.7723

■ 242.6900, 3.6038,
10.7959

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.



165.0920, 44.3246, 16.5823



163.7920, 26.2315, 79.9894



148.0500, 1.4544, 93.7952

Triad

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



163.7920, 26.2315, 79.9894



150.9740, -74.4302, 26.3328



140.8790, 49.8527, -123.5509

Complementary

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



163.7920, 26.2315, 79.9894



198.2080, -26.2315, -79.9894

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.



134.1700, 21.6082, -117.6671



163.7920, 26.2315, 79.9894



144.2130, -50.3910, -30.8818

Square

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



163.7920, 26.2315, 79.9894



156.2950, -64.2354, 69.9013



124.4290, -8.0995, -109.1242



137.0780, 58.1355, -120.2174

Rectangle

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



163.7920, 26.2315, 79.9894



148.9040, -20.6587, 93.0462



124.4290, -8.0995, -109.1242



139.1860, 40.8273, -122.0661

Sweetspot

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



163.7920, 26.2315, 79.9894



228.5050, 7.6390, 23.2361



134.9350, 59.1920, 7.9500



111.9400, 4.4666, 14.0846



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.



163.7920, 26.2315, 79.9894



145.2700, 31.4189, 96.2332



155.4700, -5.6547, 87.2878



119.9130, 2.0149, 7.0923



73.2970, 33.8706, 103.2255



24.4940, 11.0955, 34.6468

Inverse Universe

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



163.7920, 26.2315, 79.9894



145.2700, 31.4189, 96.2332



206.5300, 5.6547, -87.2878



119.9130, 2.0149, 7.0923



73.2970, 33.8706, 103.2255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 163.7920, 26.2315, 79.9894 looks on a white background.

Color Contrast Check

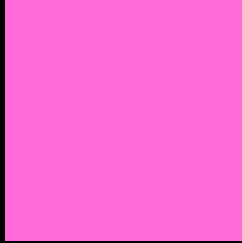
Large Text (above 18pt) WCAG AA × Fail

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 163.7920, 26.2315, 79.9894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

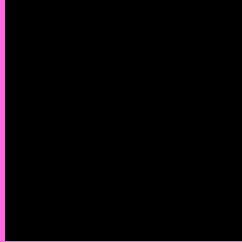
Any Text WCAG AA ✓ Pass

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 163.7920, 26.2315, 79.9894 Background



This preview shows how black text looks on a background with the YUV color 163.7920, 26.2315, 79.9894.



This preview shows how white text looks on a background with the YUV color 163.7920, 26.2315,

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

163.7920, 26.2315, 79.9894

Protanopia

162.1480, 45.7760, -29.0708

Deuteranopia

164.8630, 21.2665, -7.7729



Tritanopia

163.9060, -13.7577, 72.8734

Trichromacy



Original Color

163.7920, 26.2315, 79.9894



Protanomaly

162.5660, 38.6680, 10.9046



Deuteranomaly

164.2290, 23.0581, 24.3552



Tritanomaly

164.0000, 0.4930, 75.4220

Monochromacy



Original Color

163.7920, 26.2315, 79.9894



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.7060, 9.5119, 29.1988

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7920, 26.2315, 79.9894 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, 107, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 217)  
}
```

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, 107, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 217) }
```

Border

The CSS property to change the border of an element to YUV 163.7920, 26.2315, 79.9894 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, 107, 217) }
```


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

```
.border{ border-color:rgb(255, 107, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 163.7920, 26.2315, 79.9894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 217) }
```

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

```
.background{ background-color: rgb(255,  
107, 217) }
```

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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