

Converting Colors

YUV(159.7170, 23.3105,
83.5632)

Have a look what the booklet for
YUV(159.7170, 23.3105, 83.5632)
contains.

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Color

**YUV(159.7170, 23.3105,
83.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66CF
RGB	255, 102, 207
RGB Percent	100%, 40%, 81%
CMY	0.0000, 0.6000, 0.1882
CMYK	0.00, 0.60, 0.19, 0.00
HSL	319°, 100%, 70%
HSV	319°, 60%, 100%
XYZ	57.2539, 35.2677, 62.8212
YIQ	159.7170, 57.4830, 65.0910

Conversions

Conversions Part 2

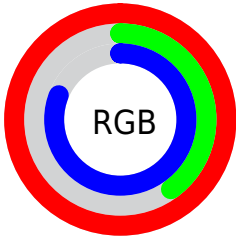
Format	Color
R _Y B	255, 102, 207
Decimal	16737999
CIE Lab	65.96, 69.01, -25.19
CIE LCh	66, 73.466, 339.944
Yxy	35.2677, 0.3686, 0.2270
Android (android.graphics.Color)	4294928079 (0xFFFF66CF)
YUV	159.7170, 23.3105, 83.5632
Hunter-Lab	59.3866, 68.1628, -21.1483

Details

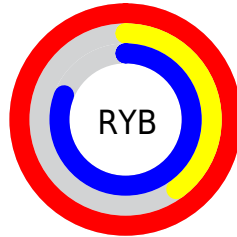
The YUV color **159.7170, 23.3105, 83.5632** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **197.2830, -23.3105, -83.5632**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **97.9390, 26.6521, 85.1225** is the 20% darker color. If you saturate the color by 10%, you get **144.1300, 27.0509, 97.2330**, and if you desaturate by 10%, it is **175.8910, 19.2807, 69.3786**.

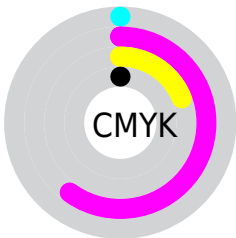
Distribution



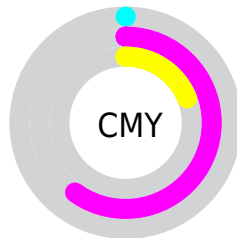
- Red (100%)
- Green (40%)
- Blue (81%)



- Red (100%)
- Yellow (40%)
- Blue (81%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.7170, 23.3105, 83.5632 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 159.7170, 23.3105, 83.5632 by changing the saturation by 10% instead.


 159.7170, 23.3105,
83.5632


 159.7170, 23.3105,
83.5632


255.0000, 0.0000,
0.0000


 129.9450, 24.1841,
83.3632


 199.2350, 27.4921,
48.9059


 97.9390, 26.6521,
85.1225


 216.2580, 19.0998,
33.9767


 63.9980, 30.5670,
89.4558

 233.2810, 10.7075,
19.0476

 52.4770, 23.9218,
74.1267

 250.8910, 2.0257,
3.6036

 41.0700, 17.7135,
58.6976

 30.0760, 11.7945,
43.7833

 19.7940, 6.0176,

29.9987

■ 6.0230, -1.4903,
11.3808

■ 0.0000, 0.0000,
0.0000

■ 159.7170, 23.3105,
83.5632

■ 159.7170, 23.3105,
83.5632

■ 144.1300, 27.0509,
97.2330

■ 175.8910, 19.2807,
69.3786

■ 127.9560, 31.0807,
111.4176

■ 191.4780, 15.5403,
55.7088

■ 111.7820, 35.1105,
125.6022

■ 207.6520, 11.5106,
41.5242

■ 96.1950, 38.8509,
139.2720

■ 223.2390, 7.7702,
27.8544

 239.4130, 3.7404,
13.6698

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.



163.3640, 45.1765, 23.3598



159.7170, 23.3105, 83.5632



145.7360, -2.3348, 95.8245

Triad

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



159.7170, 23.3105, 83.5632



147.3970, -72.6667, 20.6998



138.7590, 51.8838, -121.6916

Complementary

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



159.7170, 23.3105, 83.5632



197.2830, -23.3105, -83.5632

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.



132.7510, 23.7868, -116.4226



159.7170, 23.3105, 83.5632



140.3200, -46.0068, -37.1146

Square

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



159.7170, 23.3105, 83.5632



152.4640, -67.2768, 65.3681



123.1240, -5.4841, -107.9797



134.7300, 59.2931, -118.1582

Rectangle

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



159.7170, 23.3105, 83.5632



147.4050, -23.8637, 94.3608



123.1240, -5.4841, -107.9797



137.1800, 43.2953, -120.3069

Sweetspot

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



159.7170, 23.3105, 83.5632



226.4020, 7.1968, 25.0804



133.1960, 60.0494, 12.9831



109.9510, 4.4612, 15.8290



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.



159.7170, 23.3105, 83.5632



140.3800, 27.9137, 100.5217



151.2810, -9.0125, 90.9616



119.9130, 2.0149, 7.0923



72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Inverse Universe

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



159.7170, 23.3105, 83.5632



140.3800, 27.9137, 100.5217



205.7190, 9.0125, -90.9616



119.9130, 2.0149, 7.0923



72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 159.7170, 23.3105, 83.5632 looks on a white background.

Color Contrast Check

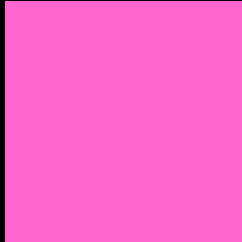
Large Text (above 18pt) WCAG AA × Fail

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 159.7170, 23.3105, 83.5632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

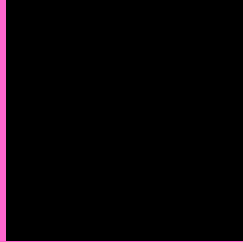
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.7170, 23.3105, 83.5632

Background



This preview shows how black text looks on a background with the YUV color 159.7170, 23.3105, 83.5632.



This preview shows how white text looks on a background with the YUV color 159.7170, 23.3105,

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

159.7170, 23.3105, 83.5632

Protanopia

159.2190, 44.7550, -28.2561

Deuteranopia

161.6740, 17.9087, -4.0991



Tritanopia

159.9990, -14.7895, 77.1769

Trichromacy



Original Color

159.7170, 23.3105, 83.5632



Protanomaly

159.7080, 36.6260, 12.5341



Deuteranomaly

161.0400, 19.7003, 28.0289



Tritanomaly

159.9790, -0.9756, 79.8254

Monochromacy



Original Color

159.7170, 23.3105, 83.5632



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.0760, 8.3435, 30.6283

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7170, 23.3105, 83.5632 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 207) }
```

Border

The CSS property to change the border of an element to YUV 159.7170, 23.3105, 83.5632 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, 207) }
```


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

```
.border{ border-color:rgb(255, 102, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 102, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 102, 207); box-shadow:4px 4px 4px 4px rgb(255, 102, 207) }
```

Background

The CSS property to change the background color of an element to YUV 159.7170, 23.3105, 83.5632 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
102, 207) }
```

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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