

Converting Colors

YUV(163.7320, 23.7961,
67.7640)

Have a look what the booklet for
YUV(163.7320, 23.7961, 67.7640)
contains.

YUV(163.7320, 23.7961, 67.7640)	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(163.7320, 23.7961,
67.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	F173D4
RGB	241, 115, 212
RGB Percent	95%, 45%, 83%
CMY	0.0549, 0.5490, 0.1686
CMYK	0.00, 0.52, 0.12, 0.05
HSL	314°, 82%, 70%
HSV	314°, 52%, 95%
XYZ	54.2900, 35.7157, 66.3198
YIQ	163.7320, 43.9590, 56.8790

Conversions

Conversions Part 2

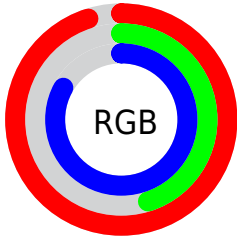
Format	Color
R _Y B	241, 115, 212
Decimal	15823828
CIE Lab	66.30, 60.11, -27.63
CIE LCh	66, 66.154, 335.309
Yxy	35.7157, 0.3473, 0.2285
Android (android.graphics.Color)	4294013908 (0xFFFF173D4)
YUV	163.7320, 23.7961, 67.7640
Hunter-Lab	59.7626, 57.5698, -23.9615

Details

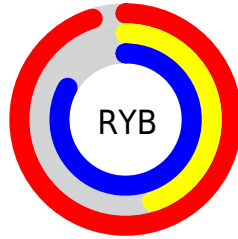
The YUV color **163.7320, 23.7961, 67.7640** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **192.2680, -23.7961, -67.7640**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6920, 24.3088, 43.2431**, and **106.3620, 24.9645, 66.3345** is the 20% darker color. If you saturate the color by 10%, you get **148.9600, 28.1207, 80.7191**, and if you desaturate by 10%, it is **178.5040, 19.4715, 54.8090**.

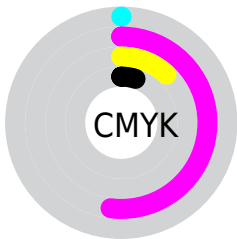
Distribution



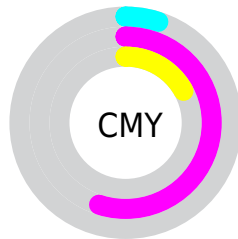
- Red (95%)
- Green (45%)
- Blue (83%)



- Red (95%)
- Yellow (45%)
- Blue (83%)



- Cyan (0%)
- Magenta (52%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.7320, 23.7961, 67.7640 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 163.7320, 23.7961, 67.7640 by changing the saturation by 10% instead.


 163.7320, 23.7961,
67.7640


 163.7320, 23.7961,
67.7640

255.0000, 0.0000,
0.0000

 135.1340, 24.0909,
66.5345


 205.6920, 24.3088,
43.2431


 106.3620, 24.9645,
66.3345


 222.7150, 15.9165,
28.3139

 75.6550, 27.2851,
68.7086

 239.7380, 7.5242,
13.3848

 49.6440, 27.2905,
66.9642

 38.5360, 20.9348,
52.1499

 27.8410, 14.8684,
37.8504

 17.8580, 8.9440,

24.6805

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 163.7320, 23.7961,
67.7640

■ 163.7320, 23.7961,
67.7640

■ 148.9600, 28.1207,
80.7191

■ 178.5040, 19.4715,
54.8090

■ 134.3020, 32.8821,
93.5741

■ 193.1620, 14.7101,
41.9539

■ 119.5300, 37.2067,
106.5292

■ 207.9340, 10.3855,
28.9989

■ 104.8720, 41.9681,
119.3843

■ 222.5920, 5.6241,
16.1438

93.2630, 45.7193,
129.5653

237.3640, 1.2995,
3.1888

249.6740, -2.3043,
-7.6071

250.3580, 0.3165,
-8.2070

250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



164.4610, 44.6357, 10.1197



163.7320, 23.7961, 67.7640



154.1480, -0.5660, 88.4472

Triad

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



163.7320, 23.7961, 67.7640



152.1340, -63.6631, 26.1925



136.3480, 45.1844, -119.5772

Complementary

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



163.7320, 23.7961, 67.7640



192.2680, -23.7961, -67.7640

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.



130.3230, 19.5608, -114.2933



163.7320, 23.7961, 67.7640



146.0490, -44.8872, -22.8450

Square

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



163.7320, 23.7961, 67.7640



156.4220, -53.4520, 64.5279



121.6080, -6.2157, -106.6502



134.7300, 59.2931, -118.1582

Rectangle

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



163.7320, 23.7961, 67.7640



153.2240, -19.3374, 89.2576



121.6080, -6.2157, -106.6502



134.8830, 37.0327, -118.2924

Sweetspot

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



163.7320, 23.7961, 67.7640



229.9070, 7.9338, 22.0066



137.4370, 51.0566, 4.0018



112.6410, 4.6140, 13.4698



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.



163.7320, 23.7961, 67.7640



156.2750, 30.4304, 86.5818



156.7780, -2.8486, 73.8627



112.6140, 2.1623, 6.4775



71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285

Inverse Universe

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



163.7320, 23.7961, 67.7640



156.2750, 30.4304, 86.5818



199.2220, 2.8486, -73.8627



112.6140, 2.1623, 6.4775



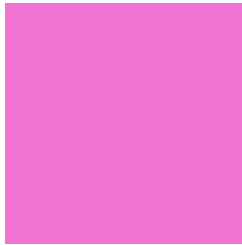
71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 163.7320, 23.7961, 67.7640 looks on a white background.

Color Contrast Check

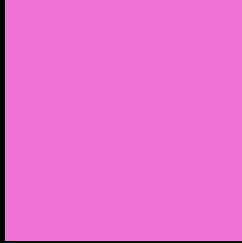
Large Text (above 18pt) WCAG AA × Fail

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 163.7320, 23.7961, 67.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

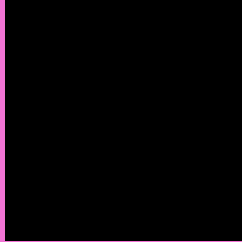
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.7320, 23.7961, 67.7640

Background



This preview shows how black text looks on a background with the YUV color 163.7320, 23.7961, 67.7640.



This preview shows how white text looks on a background with the YUV color 163.7320, 23.7961,

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

163.7320, 23.7961, 67.7640

Protanopia

160.5460, 42.1288, -25.9118

Deuteranopia

162.4610, 20.9717, -6.5433



Tritanopia

162.6380, -10.6675, 61.7075

Trichromacy



Original Color

163.7320, 23.7961, 67.7640



Protanomaly

161.7460, 35.6212, 8.1158



Deuteranomaly

162.6800, 22.3428, 20.4516



Tritanomaly

162.9770, 1.9833, 64.0412

Monochromacy



Original Color

163.7320, 23.7961, 67.7640



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.7440, 8.5072, 24.7805

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7320, 23.7961, 67.7640 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(241, 115, 212)` looks like.

```
.text, #text, p{  
    color:rgb(241, 115, 212)  
}
```

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(241, 115, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 115, 212) }
```

Border

The CSS property to change the border of an element to YUV 163.7320, 23.7961, 67.7640 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(241, 115, 212) }
```


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

```
.border{ border-color:rgb(241, 115, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 115, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 115, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 115, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 115,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 163.7320, 23.7961, 67.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 115, 212) }
```

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

```
.background{ background-color: rgb(241,  
115, 212) }
```

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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