

Converting Colors

YUV(160.4520, 18.5112,
82.9186)

Have a look what the booklet for
YUV(160.4520, 18.5112, 82.9186)
contains.

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Color

**YUV(160.4520, 18.5112,
82.9186)**

Conversions

Conversions Part 1

Format	Color
Hex	FF69C6
RGB	255, 105, 198
RGB Percent	100%, 41%, 78%
CMY	0.0000, 0.5882, 0.2235
CMYK	0.00, 0.59, 0.22, 0.00
HSL	323°, 100%, 71%
HSV	323°, 59%, 100%
XYZ	56.4846, 35.4404, 57.2897
YIQ	160.4520, 59.5470, 60.7230

Conversions

Conversions Part 2

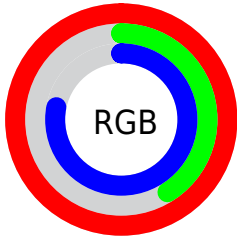
Format	Color
R _Y B	255, 105, 198
Decimal	16738758
CIE Lab	66.09, 66.54, -19.93
CIE LCh	66, 69.455, 343.328
Yxy	35.4404, 0.3785, 0.2375
Android (android.graphics.Color)	4294928838 (0xFFFF69C6)
YUV	160.4520, 18.5112, 82.9186
Hunter-Lab	59.5318, 65.1826, -15.3847

Details

The YUV color **160.4520, 18.5112, 82.9186** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **199.5480, -18.5112, -82.9186**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4090, 26.9134, 47.8763**, and **99.9620, 21.7107, 83.3483** is the 20% darker color. If you saturate the color by 10%, you get **144.6370, 21.3780, 96.7884**, and if you desaturate by 10%, it is **176.8540, 15.3550, 68.5340**.

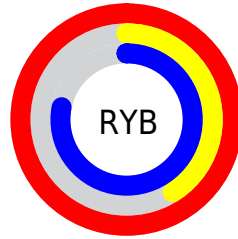
Distribution



Red (100%)

Green (41%)

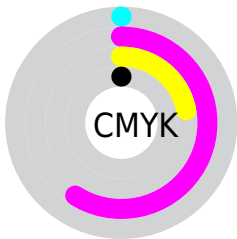
Blue (78%)



Red (100%)

Yellow (41%)

Blue (78%)

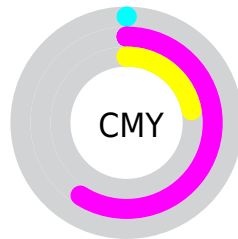


Cyan (0%)

Magenta (59%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.4520, 18.5112, 82.9186 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 160.4520, 18.5112, 82.9186 by changing the saturation by 10% instead.


 160.4520, 18.5112,
82.9186


 160.4520, 18.5112,
82.9186

255.0000, 0.0000,
0.0000

 131.3810, 19.5322,
82.1039


 200.4090, 26.9134,
47.8763


 99.9620, 21.7107,
83.3483


 217.4320, 18.5210,
32.9471


 62.7870, 27.2200,
89.6408

 235.0420, 9.8393,
17.5032

 51.5650, 20.4275,
74.9265

 252.6520, 1.1576,
2.0592

 40.2720, 14.6559,
59.3975

 29.2780, 8.7369,
44.4832

 19.1100, 3.3968,

30.5985

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 160.4520, 18.5112,
82.9186

■ 160.4520, 18.5112,
82.9186

■ 144.6370, 21.3780,
96.7884

■ 176.8540, 15.3550,
68.5340

■ 128.3490, 24.9709,
111.0729

■ 192.5550, 12.0514,
54.7643

■ 111.9470, 28.1271,
125.4575

■ 208.3700, 9.1846,
40.8945

■ 96.1320, 30.9939,
139.3272

■ 224.7720, 6.0284,
26.5100

■ 94.2570, 31.4253,
140.9716

■ 241.0600, 2.4354,
12.2254

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.



165.1260, 42.8289, 29.7075



160.4520, 18.5112, 82.9186



149.7480, -7.2708, 92.3060

Triad

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



160.4520, 18.5112, 82.9186



147.5750, -69.3035, 15.2817



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.



160.4520, 18.5112, 82.9186



199.5480, -18.5112, -82.9186

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.



132.9620, 27.1337, -116.6077



160.4520, 18.5112, 82.9186



140.8340, -38.8652, -41.0734

Square

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



160.4520, 18.5112, 82.9186



153.8590, -63.0345, 58.0057



124.3780, -0.6794, -109.0795



132.9690, 60.1613, -116.6138

Rectangle

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



160.4520, 18.5112, 82.9186



151.7590, -27.4892, 90.5424



124.3780, -0.6794, -109.0795



136.9350, 44.8950, -120.0920

Sweetspot

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



160.4520, 18.5112, 82.9186



226.0600, 5.8864, 25.3804



138.5450, 57.4123, 18.8160



109.7230, 3.5876, 16.0289



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.



160.4520, 18.5112, 82.9186



140.8870, 22.2407, 100.0771



152.1300, -13.3751, 90.2170



119.7990, 1.5781, 7.1923



70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Inverse Universe

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



160.4520, 18.5112, 82.9186



140.8870, 22.2407, 100.0771



207.8700, 13.3751, -90.2170



119.7990, 1.5781, 7.1923



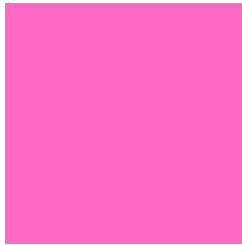
70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 160.4520, 18.5112, 82.9186 looks on a white background.

Color Contrast Check

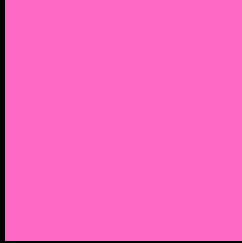
Large Text (above 18pt) WCAG AA × Fail

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 160.4520, 18.5112, 82.9186 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 160.4520, 18.5112, 82.9186 Background



This preview shows how black text looks on a background with the YUV color 160.4520, 18.5112, 82.9186.



This preview shows how white text looks on a background with the YUV color 160.4520, 18.5112, 82.9186.

82.9186.

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

160.4520, 18.5112, 82.9186

Protanopia

160.1290, 37.8974, -22.0381

Deuteranopia

162.5560, 13.5299, 0.3894



Tritanopia

160.1840, -15.3737, 77.8916

Trichromacy



Original Color

160.4520, 18.5112, 82.9186



Protanomaly

160.5360, 30.7948, 16.1929



Deuteranomaly

161.6120, 15.4743, 30.1583



Tritanomaly

160.1100, -3.0122, 79.7105

Monochromacy



Original Color

160.4520, 18.5112, 82.9186



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.3210, 6.7437, 30.4135

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.4520, 18.5112, 82.9186 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, 105, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 198)  
}
```

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, 105, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 198) }
```

Border

The CSS property to change the border of an element to YUV 160.4520, 18.5112, 82.9186 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, 105, 198) }
```


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

```
.border{ border-color:rgb(255, 105, 198) }
```

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

Here you see how a box with a 4 pixel rgb(255, 105, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 160.4520, 18.5112, 82.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 198) }
```

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

```
.background{ background-color: rgb(255,  
105, 198) }
```

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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