

Converting Colors

YUV(176.0390, 14.7708,
69.2488)

Have a look what the booklet for
YUV(176.0390, 14.7708, 69.2488)
contains.

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Color

**YUV(176.0390, 14.7708,
69.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82CE
RGB	255, 130, 206
RGB Percent	100%, 51%, 81%
CMY	0.0000, 0.4902, 0.1922
CMYK	0.00, 0.49, 0.19, 0.00
HSL	324°, 100%, 75%
HSV	324°, 49%, 100%
XYZ	60.3632, 41.6815, 63.2564
YIQ	176.0390, 50.1040, 50.1360

Conversions

Conversions Part 2

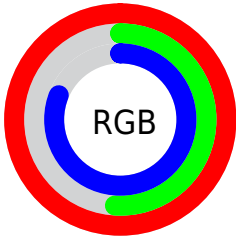
Format	Color
R_{YB}	255, 130, 206
Decimal	16745166
CIE _{Lab}	70.65, 56.29, -17.48
CIE _{LCh}	71, 58.940, 342.743
Yxy	41.6815, 0.3652, 0.2522
Android (android.graphics.Color)	4294935246 (0xFFFF82CE)
YUV	176.0390, 14.7708, 69.2488
Hunter-Lab	64.5612, 53.9112, -12.8988

Details

The YUV color **176.0390, 14.7708, 69.2488** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **208.9610, -14.7708, -69.2488**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4970, 19.9680, 35.5211**, and **119.9570, 15.7972, 66.6897** is the 20% darker color. If you saturate the color by 10%, you get **160.2240, 17.6376, 83.1186**, and if you desaturate by 10%, it is **191.8540, 11.9040, 55.3790**.

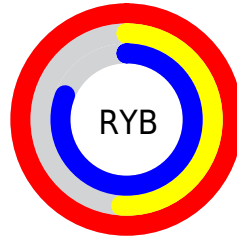
Distribution



Red (100%)

Green (51%)

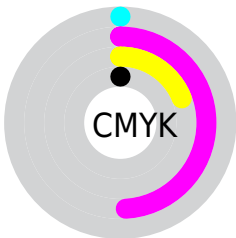
Blue (81%)



Red (100%)

Yellow (51%)

Blue (81%)

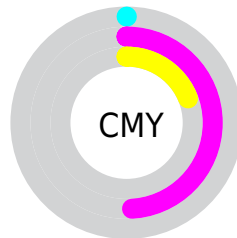


Cyan (0%)

Magenta (49%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.0390, 14.7708, 69.2488 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 176.0390, 14.7708, 69.2488 by changing the saturation by 10% instead.


 176.0390, 14.7708,
69.2488


 176.0390, 14.7708,
69.2488


255.0000, 0.0000,
0.0000

 147.4410, 15.0656,
68.0192


 214.4970, 19.9680,
35.5211


 119.9570, 15.7972,
66.6897


 231.5200, 11.5756,
20.5920

 91.2990, 17.1076,
66.3898

 248.5430, 3.1833,
5.6628

 56.5970, 21.8907,
72.2674

 41.9670, 17.2713,
60.5419

 31.2720, 11.2049,
46.2425

 21.4030, 5.7173,

32.9726

■ 9.1270, -2.5276,
17.4286

■ 0.0000, 0.0000,
0.0000

■ 176.0390, 14.7708,
69.2488

■ 176.0390, 14.7708,
69.2488

■ 160.2240, 17.6376,
83.1186

■ 191.8540, 11.9040,
55.3790

■ 143.8220, 20.7938,
97.5031

■ 208.2560, 8.7478,
40.9945

■ 127.4200, 23.9499,
111.8877

■ 224.6580, 5.5916,
26.6099

■ 111.6050, 26.8167,
125.7574

■ 240.4730, 2.7248,
12.7402

■ 95.2030, 29.9729, 255.0000, 0.0000,
140.1420 0.0000

■ 93.9150, 30.1149,
141.2715

Harmonies

Analogous

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



177.7850, 36.5880, 24.7446



176.0390, 14.7708, 69.2488



166.9480, -7.3694, 77.2216

Triad

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



176.0390, 14.7708, 69.2488



164.9720, -51.2582, 14.0566



142.8680, 49.8581, -125.2952

Complementary

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



176.0390, 14.7708, 69.2488



208.9610, -14.7708, -69.2488

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.



139.0430, 27.5868, -121.9407



176.0390, 14.7708, 69.2488



157.9690, -33.5087, -32.4218

Square

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



176.0390, 14.7708, 69.2488



169.1430, -50.3565, 51.6176



131.4850, 3.7049, -115.3123



138.8390, 57.2674, -121.7618

Rectangle

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



176.0390, 14.7708, 69.2488



167.7680, -24.5356, 76.5025



131.4850, 3.7049, -115.3123



142.3320, 42.7273, -124.8252

Sweetspot

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



176.0390, 14.7708, 69.2488



230.9840, 4.4449, 21.0620



158.6020, 47.5242, 17.0120



113.4730, 2.7248, 12.7402



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.



176.0390, 14.7708, 69.2488



160.2240, 17.6376, 83.1186



169.0850, -11.8739, 75.3475



119.7990, 1.5781, 7.1923



70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Inverse Universe

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



176.0390, 14.7708, 69.2488



160.2240, 17.6376, 83.1186



215.9150, 11.8739, -75.3475



119.7990, 1.5781, 7.1923



70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 176.0390, 14.7708, 69.2488 looks on a white background.

Color Contrast Check

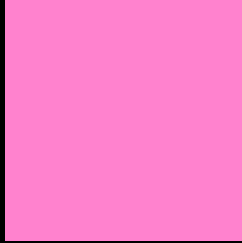
Large Text (above 18pt) WCAG AA × Fail

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 176.0390, 14.7708, 69.2488 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 176.0390, 14.7708, 69.2488 Background



This preview shows how black text looks on a background with the YUV color 176.0390, 14.7708, 69.2488.



This preview shows how white text looks on a background with the YUV color 176.0390, 14.7708,

69.2488.

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

176.0390, 14.7708, 69.2488

Protanopia

173.5120, 30.3136, -16.2350

Deuteranopia

175.1110, 11.7773, 2.5337



Tritanopia

174.5460, -11.1152, 65.2962

Trichromacy



Original Color

176.0390, 14.7708, 69.2488



Protanomaly

174.2170, 24.5430, 14.7187



Deuteranomaly

175.6070, 13.0117, 26.6547



Tritanomaly

175.0760, -1.5165, 66.5853

Monochromacy



Original Color

176.0390, 14.7708, 69.2488



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.9460, 5.4496, 25.4804

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0390, 14.7708, 69.2488 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, 130, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 206)  
}
```

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, 130, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 206) }
```

Border

The CSS property to change the border of an element to YUV 176.0390, 14.7708, 69.2488 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, 130, 206) }
```


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

```
.border{ border-color:rgb(255, 130, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 176.0390, 14.7708, 69.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 206) }
```

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

```
.background{ background-color: rgb(255,  
130, 206) }
```

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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