

Converting Colors

YUV(144.5400, 18.4678,
96.8734)

Have a look what the booklet for
YUV(144.5400, 18.4678, 96.8734)
contains.

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Color

**YUV(144.5400, 18.4678,
96.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	FF51B6
RGB	255, 81, 182
RGB Percent	100%, 32%, 71%
CMY	0.0000, 0.6824, 0.2863
CMYK	0.00, 0.68, 0.29, 0.00
HSL	325°, 100%, 66%
HSV	325°, 68%, 100%
XYZ	52.6259, 30.5223, 47.3737
YIQ	144.5400, 71.2830, 68.2990

Conversions

Conversions Part 2

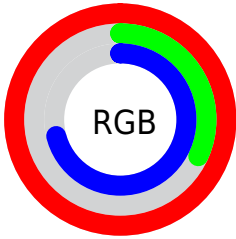
Format	Color
R _Y B	255, 81, 182
Decimal	16732598
CIE Lab	62.10, 73.93, -16.89
CIE LCh	62, 75.831, 347.130
Yxy	30.5223, 0.4032, 0.2338
Android (android.graphics.Color)	4294922678 (0xFFFF51B6)
YUV	144.5400, 18.4678, 96.8734
Hunter-Lab	55.2470, 73.3494, -12.1677

Details

The YUV color **144.5400, 18.4678, 96.8734** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **191.4600, -18.4678, -96.8734**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1440, 25.5650, 60.3867**, and **72.7120, 27.7500, 106.3696** is the 20% darker color. If you saturate the color by 10%, you get **128.6110, 20.8978, 110.8432**, and if you desaturate by 10%, it is **160.4690, 16.0378, 82.9037**.

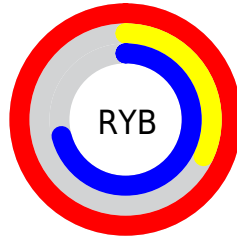
Distribution



Red (100%)

Green (32%)

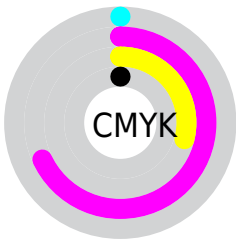
Blue (71%)



Red (100%)

Yellow (32%)

Blue (71%)

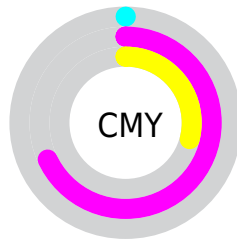


Cyan (0%)

Magenta (68%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.5400, 18.4678, 96.8734 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 144.5400, 18.4678, 96.8734 by changing the saturation by 10% instead.

144.5400, 18.4678,
96.8734

144.5400, 18.4678,
96.8734

255.0000, 0.0000,
0.0000

111.6480, 21.3725,
98.5327

186.1440, 25.5650,
60.3867

72.7120, 27.7500,
106.3696

205.6920, 24.3088,
43.2431

60.8920, 21.2522,
90.4257

222.7150, 15.9165,
28.3139

49.1860, 15.1913,
74.3819

240.3250, 7.2348,
12.8700

37.8930, 9.4198,
58.8528

27.3120, 3.7902,
44.4534

15.7910, -2.8550,

29.1243

■ 0.0000, 0.0000,
0.0000

■ 144.5400, 18.4678,
96.8734

■ 144.5400, 18.4678,
96.8734

■ 128.6110, 20.8978,
110.8432

■ 160.4690, 16.0378,
82.9037

■ 112.2090, 24.0540,
125.2277

■ 176.8710, 12.8816,
68.5191

■ 96.2800, 26.4840,
139.1974

■ 193.3870, 10.1622,
54.0346

■ 93.1170, 27.0573,
141.9714

■ 209.3160, 7.7322,
40.0649

■ 225.7180, 4.5760,
25.6803

241.6470, 2.1460,
11.7106

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.



153.8330, 43.9593, 40.4885



144.5400, 18.4678, 96.8734



135.1410, -9.9295, 105.1163

Triad

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



144.5400, 18.4678, 96.8734



136.3890, -67.2398, 6.6748



132.1710, 57.1037, -115.9140

Complementary

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



144.5400, 18.4678, 96.8734



191.4600, -18.4678, -96.8734

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.



127.0920, 30.0276, -111.4597



144.5400, 18.4678, 96.8734



123.1800, -37.0637, -58.9169

Square

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



144.5400, 18.4678, 96.8734



141.4150, -69.7176, 54.8870



118.5250, -0.2588, -103.9464



126.5120, 63.3446, -110.9510

Rectangle

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



144.5400, 18.4678, 96.8734



140.2180, -33.6315, 100.6638



118.5250, -0.2588, -103.9464



131.2930, 48.6626, -115.1440

Sweetspot

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



144.5400, 18.4678, 96.8734



222.6690, 5.5862, 28.3543



122.6630, 65.2421, 27.4825



108.3210, 3.2927, 17.2585



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.



144.5400, 18.4678, 96.8734



122.2850, 22.0445, 116.3911



134.6220, -19.5336, 105.5715



119.6850, 1.1413, 7.2923



69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Inverse Universe

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



144.5400, 18.4678, 96.8734



122.2850, 22.0445, 116.3911



201.2640, 19.0968, -105.4715



119.6850, 1.1413, 7.2923



69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 144.5400, 18.4678, 96.8734 looks on a white background.

Color Contrast Check

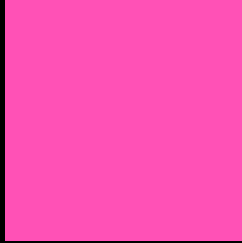
Large Text (above 18pt) WCAG AA × Fail

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 144.5400, 18.4678, 96.8734 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 144.5400, 18.4678, 96.8734 Background



This preview shows how black text looks on a background with the YUV color 144.5400, 18.4678, 96.8734.



This preview shows how white text looks on a background with the YUV color 144.5400, 18.4678, 96.8734.

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

144.5400, 18.4678, 96.8734

Protanopia

149.2750, 39.7974, -24.7972

Deuteranopia

152.0570, 10.3249, 1.7040



Tritanopia

145.9360, -19.1954, 90.3871

Trichromacy



Original Color

144.5400, 18.4678, 96.8734



Protanomaly

147.9000, 32.0943, 19.3817



Deuteranomaly

149.3740, 13.1266, 36.5060



Tritanomaly

145.5030, -5.6710, 92.5209

Monochromacy



Original Color

144.5400, 18.4678, 96.8734



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.9410, 6.4381, 35.1317

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.5400, 18.4678, 96.8734 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, 81, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 81, 182)  
}
```

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, 81, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 81, 182) }
```

Border

The CSS property to change the border of an element to YUV 144.5400, 18.4678, 96.8734 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, 81, 182) }
```


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

```
.border{ border-color:rgb(255, 81, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 81, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 81, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 81, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 81,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 144.5400, 18.4678, 96.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 81, 182) }
```

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

```
.background{ background-color: rgb(255, 81,  
182) }
```

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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