

Converting Colors

YUV(145.6000, 17.4522,
95.9438)

Have a look what the booklet for
YUV(145.6000, 17.4522, 95.9438)
contains.

YUV(145.6000, 17.4522, 95.9438)	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(145.6000, 17.4522,
95.9438)**

Conversions

Conversions Part 1

Format	Color
Hex	FF53B5
RGB	255, 83, 181
RGB Percent	100%, 33%, 71%
CMY	0.0000, 0.6745, 0.2902
CMYK	0.00, 0.67, 0.29, 0.00
HSL	326°, 100%, 66%
HSV	326°, 67%, 100%
XYZ	52.6737, 30.7827, 46.8815
YIQ	145.6000, 71.0540, 66.9420

Conversions

Conversions Part 2

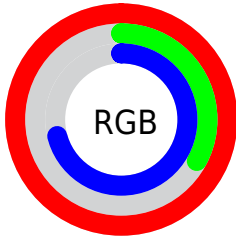
Format	Color
R _Y B	255, 83, 181
Decimal	16733109
CIE Lab	62.32, 73.09, -15.98
CIE LCh	62, 74.822, 347.666
Yxy	30.7827, 0.4041, 0.2362
Android (android.graphics.Color)	4294923189 (0xFFFF53B5)
YUV	145.6000, 17.4522, 95.9438
Hunter-Lab	55.4822, 72.3708, -11.2615

Details

The YUV color **145.6000, 17.4522, 95.9438** 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 **192.4000, -17.4522, -95.9438**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2040, 24.5494, 59.4571**, and **72.5980, 27.3132, 106.4696** is the 20% darker color. If you saturate the color by 10%, you get **129.0840, 20.1716, 110.4283**, and if you desaturate by 10%, it is **161.5290, 15.0222, 81.9741**.

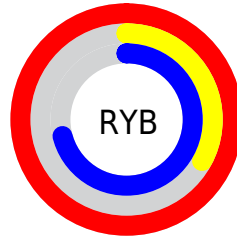
Distribution



Red (100%)

Green (33%)

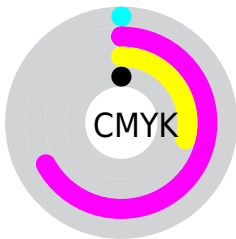
Blue (71%)



Red (100%)

Yellow (33%)

Blue (71%)

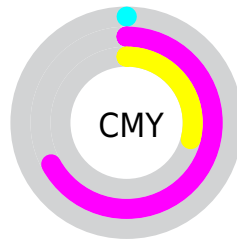


Cyan (0%)

Magenta (67%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (67%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.6000, 17.4522, 95.9438 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 145.6000, 17.4522, 95.9438 by changing the saturation by 10% instead.


 145.6000, 17.4522,
95.9438


 145.6000, 17.4522,
95.9438


255.0000, 0.0000,
0.0000


 113.2950, 20.0676,
97.0883


 187.2040, 24.5494,
59.4571


 72.5980, 27.3132,
106.4696

 206.2790, 24.0195,
42.7283

 60.7780, 20.8154,
90.5257

 223.8890, 15.3377,
27.2843

 49.3710, 14.6071,
75.0966

 241.4990, 6.6560,
11.8404

 37.7790, 8.9830,
58.9528

 27.3120, 3.7902,
44.4534

 15.5630, -3.7286,

29.3242

■ 0.0000, 0.0000,
0.0000

■ 145.6000, 17.4522,
95.9438

■ 145.6000, 17.4522,
95.9438

■ 129.0840, 20.1716,
110.4283

■ 161.5290, 15.0222,
81.9741

■ 113.1550, 22.6016,
124.3981

■ 178.0450, 12.3028,
67.4895

■ 97.2260, 25.0316,
138.3678

■ 194.5610, 9.5834,
53.0050

■ 92.7750, 25.7469,
142.2713

■ 210.4900, 7.1534,
39.0353

■ 227.0060, 4.4340,
24.5507

242.9350, 2.0040,
10.5810

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.



154.2030, 42.7909, 41.9180



145.6000, 17.4522, 95.9438



136.9020, -10.7977, 103.5719

Triad

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



145.6000, 17.4522, 95.9438



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.



145.6000, 17.4522, 95.9438



192.4000, -17.4522, -95.9438

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.



127.7930, 30.1751, -112.0745



145.6000, 17.4522, 95.9438



123.6360, -35.3165, -59.3168

Square

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



145.6000, 17.4522, 95.9438



141.7030, -69.8596, 53.7575



118.7530, 0.6148, -104.1464



126.5120, 63.3446, -110.9510

Rectangle

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



145.6000, 17.4522, 95.9438



142.0930, -34.0628, 99.0194



118.7530, 0.6148, -104.1464



131.4070, 49.0993, -115.2439

Sweetspot

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



145.6000, 17.4522, 95.9438



222.5550, 5.1494, 28.4543



124.1360, 64.5160, 27.0677



108.2070, 2.8559, 17.3585



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.



145.6000, 17.4522, 95.9438



123.3450, 21.0289, 115.4614



136.0240, -19.2388, 104.3420



119.6850, 1.1413, 7.2923



69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Inverse Universe

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



145.6000, 17.4522, 95.9438



123.3450, 21.0289, 115.4614



201.9760, 19.2388, -104.3420



119.6850, 1.1413, 7.2923



69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 145.6000, 17.4522, 95.9438 looks on a white background.

Color Contrast Check

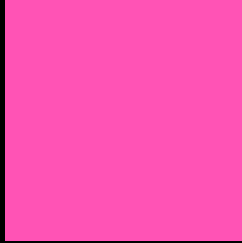
Large Text (above 18pt) WCAG AA × Fail

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 145.6000, 17.4522, 95.9438 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 145.6000, 17.4522, 95.9438

Background



This preview shows how black text looks on a background with the YUV color 145.6000, 17.4522, 95.9438.



This preview shows how white text looks on a background with the YUV color 145.6000, 17.4522, 95.9438.

95.9438.

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

145.6000, 17.4522, 95.9438

Protanopia

149.6450, 38.6290, -23.3677

Deuteranopia

152.5410, 9.5933, 3.0335



Tritanopia

146.6370, -19.0480, 89.7724

Trichromacy



Original Color

145.6000, 17.4522, 95.9438



Protanomaly

147.9710, 31.0733, 20.1964



Deuteranomaly

150.1460, 12.2530, 36.7060



Tritanomaly

146.2040, -5.5236, 91.9061

Monochromacy



Original Color

145.6000, 17.4522, 95.9438



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.9410, 6.4381, 35.1317

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6000, 17.4522, 95.9438 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, 83, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 181)  
}
```

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, 83, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 181) }
```

Border

The CSS property to change the border of an element to YUV 145.6000, 17.4522, 95.9438 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, 83, 181) }
```


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

```
.border{ border-color:rgb(255, 83, 181) }
```

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

Here you see how a box with a 4 pixel rgb(255, 83, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 83,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 145.6000, 17.4522, 95.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 181) }
```

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

```
.background{ background-color: rgb(255, 83,  
181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor