

Converting Colors

YUV(145.9760, 13.8158,
95.6140)

Have a look what the booklet for
YUV(145.9760, 13.8158, 95.6140)
contains.

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Color

**YUV(145.9760, 13.8158,
95.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	FF55AE
RGB	255, 85, 174
RGB Percent	100%, 33%, 68%
CMY	0.0000, 0.6667, 0.3176
CMYK	0.00, 0.67, 0.32, 0.00
HSL	329°, 100%, 67%
HSV	329°, 67%, 100%
XYZ	52.1285, 30.8130, 43.2444
YIQ	145.9760, 72.7510, 63.7190

Conversions

Conversions Part 2

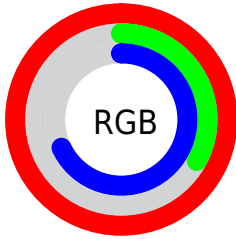
Format	Color
R _Y B	255, 85, 174
Decimal	16733614
CIE Lab	62.35, 71.56, -11.93
CIE LCh	62, 72.549, 350.538
Yxy	30.8130, 0.4131, 0.2442
Android (android.graphics.Color)	4294923694 (0xFFFF55AE)
YUV	145.9760, 13.8158, 95.6140
Hunter-Lab	55.5095, 70.4864, -7.3330

Details

The YUV color **145.9760, 13.8158, 95.6140** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **194.0240, -13.8158, -95.6140**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8790, 20.7657, 59.7421**, and **71.9140, 24.6924, 107.0694** is the 20% darker color. If you saturate the color by 10%, you get **129.3460, 16.0984, 110.1986**, and if you desaturate by 10%, it is **162.0190, 11.8226, 81.5443**.

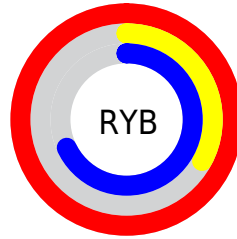
Distribution



Red (100%)

Green (33%)

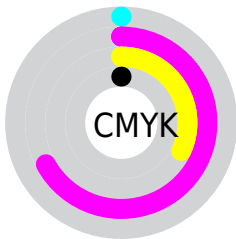
Blue (68%)



Red (100%)

Yellow (33%)

Blue (68%)

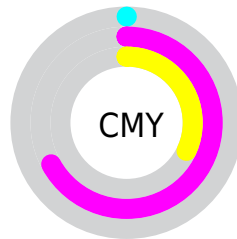


Cyan (0%)

Magenta (67%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (67%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.9760, 13.8158, 95.6140 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 145.9760, 13.8158, 95.6140 by changing the saturation by 10% instead.


 145.9760, 13.8158,
95.6140


 145.9760, 13.8158,
95.6140


255.0000, 0.0000,
0.0000

 114.2580, 16.1418,
96.2437


 186.8790, 20.7657,
59.7421

 71.9140, 24.6924,
107.0694

 207.4530, 23.4407,
41.6987


 60.0940, 18.1947,
91.1256

 224.4760, 15.0483,
26.7695

 48.3880, 12.1337,
75.0817

 242.0860, 6.3666,
11.3256

 37.0950, 6.3622,
59.5527

 26.4430, 1.7536,
44.3385

 14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,
0.0000

■ 145.9760, 13.8158,
95.6140

■ 145.9760, 13.8158,
95.6140

■ 129.3460, 16.0984,
110.1986

■ 162.0190, 11.8226,
81.5443

■ 113.3030, 18.0916,
124.2683

■ 178.6490, 9.5400,
66.9598

■ 96.6730, 20.3742,
138.8528

■ 195.2790, 7.2575,
52.3753

■ 91.4070, 20.5053,
143.4711

■ 211.4360, 5.7011,
38.2056

■ 227.4790, 3.7079,
24.1359

244.1090, 1.4253,
9.5514

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.



154.3130, 39.2857, 46.2065



145.9760, 13.8158, 95.6140



139.2670, -14.4286, 101.4978

Triad

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



145.9760, 13.8158, 95.6140



135.7690, -66.9341, 1.9566



131.6980, 57.8299, -115.4991

Complementary

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



145.9760, 13.8158, 95.6140



194.0240, -13.8158, -95.6140

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.



127.7760, 32.6484, -112.0596



145.9760, 13.8158, 95.6140



122.9710, -30.0587, -65.7496

Square

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



145.9760, 13.8158, 95.6140



141.9690, -69.9907, 49.1392



119.5510, 3.6724, -104.8462



125.3380, 63.9234, -109.9214

Rectangle

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



145.9760, 13.8158, 95.6140



143.7890, -36.3780, 94.9010



119.5510, 3.6724, -104.8462



131.0480, 50.2623, -114.9291

Sweetspot

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



145.9760, 13.8158, 95.6140



222.3270, 4.2758, 28.6542



128.0010, 62.6105, 31.5711



108.0930, 2.4192, 17.4584



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.



145.9760, 13.8158, 95.6140



124.1940, 16.6664, 114.7169



136.5140, -22.4384, 103.9122



119.5710, 0.7045, 7.3922



68.5090, 15.5251, 107.4246



22.8980, 4.9803, 36.0465

Inverse Universe

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



145.9760, 13.8158, 95.6140



124.1940, 16.6664, 114.7169



203.4860, 22.4384, -103.9122



119.5710, 0.7045, 7.3922



68.5090, 15.5251, 107.4246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 145.9760, 13.8158, 95.6140 looks on a white background.

Color Contrast Check

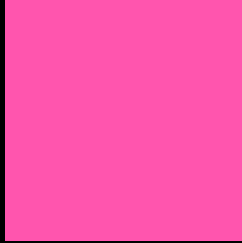
Large Text (above 18pt) WCAG AA × Fail

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 145.9760, 13.8158, 95.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

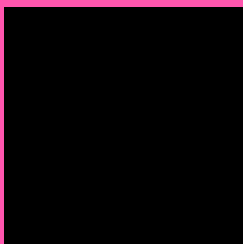
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.9760, 13.8158, 95.6140

Background



This preview shows how black text looks on a background with the YUV color 145.9760, 13.8158, 95.6140.



This preview shows how white text looks on a background with the YUV color 145.9760, 13.8158,

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

145.9760, 13.8158, 95.6140

Protanopia

150.8860, 33.0872, -19.1940

Deuteranopia

152.6400, 6.0935, 5.5777



Tritanopia

146.3490, -18.9061, 90.9019

Trichromacy



Original Color

145.9760, 13.8158, 95.6140



Protanomaly

149.3150, 25.9737, 22.5257



Deuteranomaly

149.9460, 8.9006, 38.6354



Tritanomaly

146.1610, -6.9814, 92.8208

Monochromacy



Original Color

145.9760, 13.8158, 95.6140



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1860, 4.8383, 34.9169

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9760, 13.8158, 95.6140 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, 85, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 174)  
}
```

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, 85, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 174) }
```

Border

The CSS property to change the border of an element to YUV 145.9760, 13.8158, 95.6140 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, 85, 174) }
```


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

```
.border{ border-color:rgb(255, 85, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 85, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 145.9760, 13.8158, 95.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 174) }
```

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

```
.background{ background-color: rgb(255, 85,  
174) }
```

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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