

Converting Colors

YUV(148.3580, 7.7115, 93.5250)

Have a look what the booklet for
YUV(148.3580, 7.7115, 93.5250)
contains.

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Color

**YUV(148.3580, 7.7115,
93.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5BA4
RGB	255, 91, 164
RGB Percent	100%, 36%, 64%
CMY	0.0000, 0.6431, 0.3569
CMYK	0.00, 0.64, 0.36, 0.00
HSL	333°, 100%, 68%
HSV	333°, 64%, 100%
XYZ	51.6819, 31.4225, 38.4632
YIQ	148.3580, 74.3110, 57.4710

Conversions

Conversions Part 2

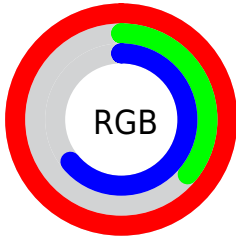
Format	Color
R _{YB}	255, 91, 164
Decimal	16735140
CIE Lab	62.86, 68.18, -5.41
CIE LCh	63, 68.392, 355.462
Yxy	31.4225, 0.4251, 0.2585
Android (android.graphics.Color)	4294925220 (0xFFFF5BA4)
YUV	148.3580, 7.7115, 93.5250
Hunter-Lab	56.0558, 66.4746, -1.4433

Details

The YUV color **148.3580, 7.7115, 93.5250** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **197.6420, -7.7115, -93.5250**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6740, 14.9507, 58.1679**, and **81.3400, 15.1154, 98.8028** is the 20% darker color. If you saturate the color by 10%, you get **132.0870, 8.8311, 107.7947**, and if you desaturate by 10%, it is **165.2160, 6.3025, 78.7406**.

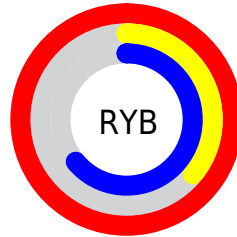
Distribution



Red (100%)

Green (36%)

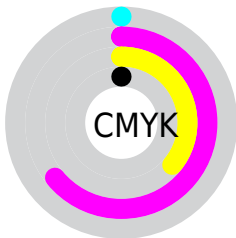
Blue (64%)



Red (100%)

Yellow (36%)

Blue (64%)

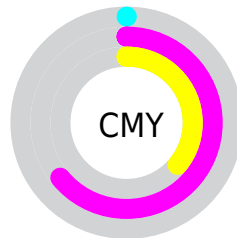


Cyan (0%)

Magenta (64%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.3580, 7.7115, 93.5250 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 148.3580, 7.7115, 93.5250 by changing the saturation by 10% instead.


 148.3580, 7.7115,
93.5250


 148.3580, 7.7115,
93.5250


255.0000, 0.0000,
0.0000


 117.9280, 9.8955,
93.0251

 188.6740, 14.9507,
58.1679


 81.3400, 15.1154,
98.8028

 208.8890, 18.7887,
40.4393


 59.0680, 14.2635,
92.0254

 227.4110, 13.6014,
24.1956

 47.4760, 8.6393,
75.8815

 245.0210, 4.9196,
8.7516

 36.2970, 3.3046,
60.2525

 25.6450, -1.3040,
45.0383

 14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 148.3580, 7.7115,
93.5250

■ 148.3580, 7.7115,
93.5250

■ 132.0870, 8.8311,
107.7947

■ 165.2160, 6.3025,
78.7406

■ 115.2290, 10.2401,
122.5792

■ 181.4870, 5.1829,
64.4709


■ 98.9580, 11.3597,
136.8488

■ 198.3450, 3.7739,
49.6864

■ 89.2410, 12.2062,
145.3706

■ 214.7300, 3.0911,
35.3168

■ 231.5880, 1.6821,
20.5323

 247.8590, 0.5625,
6.2627

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.



155.6360, 32.7175, 52.9392



148.3580, 7.7115, 93.5250



145.0400, -20.2327, 96.4349

Triad

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



148.3580, 7.7115, 93.5250



137.8310, -57.5977, -5.9908



131.4530, 59.4297, -115.2843

Complementary

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



148.3580, 7.7115, 93.5250



197.6420, -7.7115, -93.5250

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.



128.8020, 36.5796, -112.9594



148.3580, 7.7115, 93.5250



122.1960, -21.2956, -76.4709

Square

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



148.3580, 7.7115, 93.5250



142.2130, -70.1110, 41.0322



121.7340, 9.4981, -106.7607



124.1640, 64.5021, -108.8918

Rectangle

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



148.3580, 7.7115, 93.5250



146.6370, -39.2610, 86.2644



121.7340, 9.4981, -106.7607



131.0310, 52.7357, -114.9142

Sweetspot

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



148.3580, 7.7115, 93.5250



223.7460, 2.0972, 27.4098



136.6060, 58.3682, 38.9335



108.4520, 1.2562, 17.1436



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.



148.3580, 7.7115, 93.5250



127.5220, 9.1097, 111.7982



144.7320, -26.4899, 96.7050



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463

Inverse Universe

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



148.3580, 7.7115, 93.5250



127.5220, 9.1097, 111.7982



201.2680, 26.4899, -96.7050



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 148.3580, 7.7115, 93.5250 looks on a white background.

Color Contrast Check

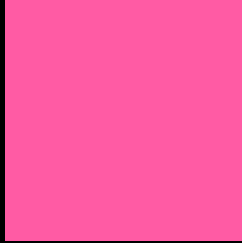
Large Text (above 18pt) WCAG AA × Fail

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 148.3580, 7.7115, 93.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

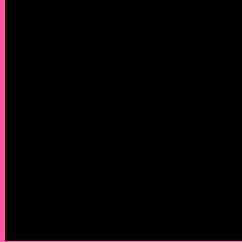
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.3580, 7.7115, 93.5250

Background



This preview shows how black text looks on a background with the YUV color 148.3580, 7.7115, 93.5250.



This preview shows how white text looks on a background with the YUV color 148.3580, 7.7115,

93.5250.

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

148.3580, 7.7115, 93.5250

Protanopia

153.0410, 24.6298, -13.1910

Deuteranopia

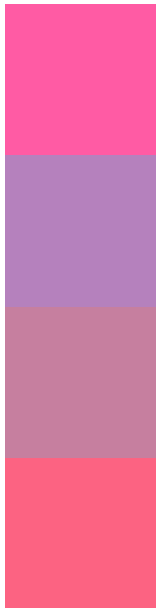
154.2940, 0.8411, 10.2662



Tritanopia

148.0500, -18.7586, 90.2872

Trichromacy



Original Color

148.3580, 7.7115, 93.5250

Protanomaly

151.3880, 18.5427, 25.9697

Deuteranomaly

151.8770, 3.5116, 40.4499

Tritanomaly

148.2810, -9.0125, 90.9616

Monochromacy



Original Color

148.3580, 7.7115, 93.5250

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0180, 2.9491, 34.1872

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3580, 7.7115, 93.5250 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, 91, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 164)  
}
```

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, 91, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 164) }
```

Border

The CSS property to change the border of an element to YUV 148.3580, 7.7115, 93.5250 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, 91, 164) }
```


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

```
.border{ border-color:rgb(255, 91, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 91, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 148.3580, 7.7115, 93.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 164) }
```

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

```
.background{ background-color: rgb(255, 91,  
164) }
```

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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