

Converting Colors

YUV(151.0940, 18.1947,
91.1256)

Have a look what the booklet for
YUV(151.0940, 18.1947, 91.1256)
contains.

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Color

**YUV(151.0940, 18.1947,
91.1256)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5BBC
RGB	255, 91, 188
RGB Percent	100%, 36%, 74%
CMY	0.0000, 0.6431, 0.2627
CMYK	0.00, 0.64, 0.26, 0.00
HSL	325°, 100%, 68%
HSV	325°, 64%, 100%
XYZ	54.0582, 32.3730, 50.9764
YIQ	151.0940, 66.6070, 64.9350

Conversions

Conversions Part 2

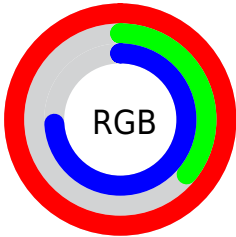
Format	Color
R _Y B	255, 91, 188
Decimal	16735164
CIE Lab	63.65, 70.95, -17.97
CIE LCh	64, 73.186, 345.786
Yxy	32.3730, 0.3934, 0.2356
Android (android.graphics.Color)	4294925244 (0xFFFF5BBC)
YUV	151.0940, 18.1947, 91.1256
Hunter-Lab	56.8973, 70.0228, -13.2920

Details

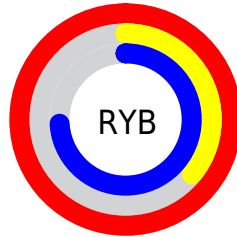
The YUV color **151.0940, 18.1947, 91.1256** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **194.9060, -18.1947, -91.1256**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1110, 25.5813, 55.1537**, and **82.2010, 26.0299, 98.0477** is the 20% darker color. If you saturate the color by 10%, you get **135.2790, 21.0615, 104.9953**, and if you desaturate by 10%, it is **167.4960, 15.0385, 76.7410**.

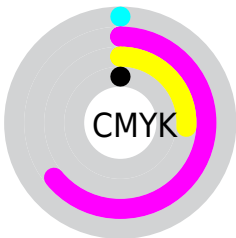
Distribution



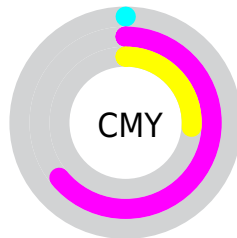
- Red (100%)
- Green (36%)
- Blue (74%)



- Red (100%)
- Yellow (36%)
- Blue (74%)



- Cyan (0%)
- Magenta (64%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.0940, 18.1947, 91.1256 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 151.0940, 18.1947, 91.1256 by changing the saturation by 10% instead.


 151.0940, 18.1947,
91.1256


 151.0940, 18.1947,
91.1256


255.0000, 0.0000,
0.0000


 119.9630, 20.2312,
91.2404


 192.1110, 25.5813,
55.1537


 82.2010, 26.0299,
98.0477


 210.3880, 21.9937,
39.1247


 61.7610, 23.2888,
90.5406

 227.9980, 13.3120,
23.6808

 50.0550, 17.2279,
74.4968

 245.0210, 4.9196,
8.7516

 38.6480, 11.0195,
59.0677

 28.1810, 5.8268,
44.5683

 17.1870, -0.0922,

29.6540

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 151.0940, 18.1947,
91.1256

■ 151.0940, 18.1947,
91.1256

■ 135.2790, 21.0615,
104.9953

■ 167.4960, 15.0385,
76.7410

■ 118.7630, 23.7808,
119.4798

■ 183.4250, 12.6085,
62.7713

■ 102.9480, 26.6476,
133.3496

■ 199.8270, 9.4523,
48.3867

■ 93.4590, 28.3677,
141.6715

■ 215.7560, 7.0223,
34.4170

232.1580, 3.8661,
20.0324

248.0870, 1.4361,
6.0627

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.



158.2840, 43.2440, 36.5849



151.0940, 18.1947, 91.1256



141.3360, -9.0396, 99.6833

Triad

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



151.0940, 18.1947, 91.1256



140.5420, -69.2872, 10.0487



134.4050, 55.5093, -117.8732

Complementary

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



151.0940, 18.1947, 91.1256



194.9060, -18.1947, -91.1256

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.



129.4400, 28.8701, -113.5189



151.0940, 18.1947, 91.1256



130.4090, -37.6696, -51.2247

Square

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



151.0940, 18.1947, 91.1256



144.9700, -71.4702, 57.0313



120.5140, -0.2534, -105.6908



128.8600, 62.1870, -113.0102

Rectangle

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



151.0940, 18.1947, 91.1256



144.7660, -31.4366, 96.6752



120.5140, -0.2534, -105.6908



133.5270, 47.0682, -117.1032

Sweetspot

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



151.0940, 18.1947, 91.1256



224.5440, 5.1548, 26.7099



129.4300, 61.9060, 24.1789



109.0220, 3.4402, 16.6437



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.



151.0940, 18.1947, 91.1256



130.8280, 21.7768, 108.8988



141.8600, -17.1860, 99.2238



119.6850, 1.1413, 7.2923



69.9910, 21.2034, 106.1249



23.4680, 7.1643, 35.5466

Inverse Universe

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



151.0940, 18.1947, 91.1256



130.8280, 21.7768, 108.8988



204.1400, 17.1860, -99.2238



119.6850, 1.1413, 7.2923



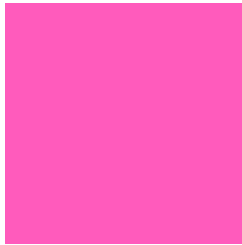
69.9910, 21.2034, 106.1249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 151.0940, 18.1947, 91.1256 looks on a white background.

Color Contrast Check

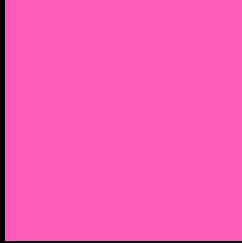
Large Text (above 18pt) WCAG AA × Fail

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 151.0940, 18.1947, 91.1256 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 151.0940, 18.1947, 91.1256

Background



This preview shows how black text looks on a background with the YUV color 151.0940, 18.1947, 91.1256.



This preview shows how white text looks on a background with the YUV color 151.0940, 18.1947,

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

151.0940, 18.1947, 91.1256

Protanopia

153.6450, 38.6290, -23.3677

Deuteranopia

156.2850, 11.1985, 1.5041



Tritanopia

151.6580, -17.5794, 85.3689

Trichromacy



Original Color

151.0940, 18.1947, 91.1256



Protanomaly

152.9600, 31.0787, 18.4521



Deuteranomaly

154.1780, 13.7162, 34.0469



Tritanomaly

151.1110, -4.4917, 87.6027

Monochromacy



Original Color

151.0940, 18.1947, 91.1256



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9300, 6.4435, 33.3874

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0940, 18.1947, 91.1256 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 188) }
```

Border

The CSS property to change the border of an element to YUV 151.0940, 18.1947, 91.1256 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, 188) }
```


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

```
.border{ border-color:rgb(255, 91, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 151.0940, 18.1947, 91.1256 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, 188) }
```

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

```
.background{ background-color: rgb(255, 91,  
188) }
```

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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