

Converting Colors

YUV(114.0380, 13.2923,
123.6237)

Have a look what the booklet for
YUV(114.0380, 13.2923, 123.6237)
contains.

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Color

**YUV(114.0380, 13.2923,
123.6237)**

Conversions

Conversions Part 1

Format	Color
Hex	FF258D
RGB	255, 37, 141
RGB Percent	100%, 15%, 55%
CMY	0.0000, 0.8549, 0.4471
CMYK	0.00, 0.85, 0.45, 0.00
HSL	331°, 100%, 57%
HSV	331°, 85%, 100%
XYZ	46.7093, 24.5062, 27.4676
YIQ	114.0380, 96.5440, 78.5600

Conversions

Conversions Part 2

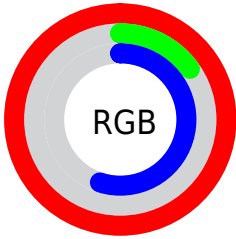
Format	Color
R_{YB}	255, 37, 141
Decimal	16721293
CIE _{Lab}	56.59, 81.68, -1.21
CIE _{LCh}	57, 81.687, 359.148
Yxy	24.5062, 0.4733, 0.2483
Android (android.graphics.Color)	4294911373 (0xFFFF258D)
YUV	114.0380, 13.2923, 123.6237
Hunter-Lab	49.5038, 81.7921, 1.7550

Details

The YUV color **114.0380, 13.2923, 123.6237** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **177.9620, -13.2923, -123.6237**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5180, 15.0276, 80.2297**, and **67.7820, 11.4465, 108.9392** is the 20% darker color. If you saturate the color by 10%, you get **97.8810, 14.8487, 137.7934**, and if you desaturate by 10%, it is **130.7820, 11.4465, 108.9392**.

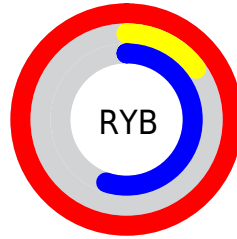
Distribution



Red (100%)

Green (15%)

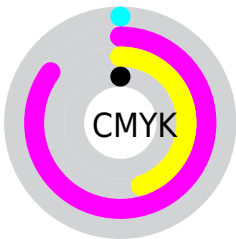
Blue (55%)



Red (100%)

Yellow (15%)

Blue (55%)

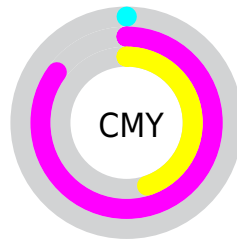


Cyan (0%)

Magenta (85%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (85%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0380, 13.2923, 123.6237 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 114.0380, 13.2923, 123.6237 by changing the saturation by 10% instead.

114.0380, 13.2923,
123.6237

114.0380, 13.2923,
123.6237

255.0000, 0.0000,
0.0000

79.9010, 17.7968,
125.4978

163.5180, 15.0276,
80.2297

67.7820, 11.4465,
108.9392

184.9070, 18.2868,
61.4716

55.8910, 5.9697,
92.1806

205.8230, 22.2723,
43.1282

44.1140, 0.9298,
75.3220

224.4760, 15.0483,
26.7695

32.5650, -3.2365,
58.2635

242.0860, 6.3666,
11.3256

21.3860, -8.5713,
42.6345

11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 114.0380, 13.2923,
123.6237

■ 114.0380, 13.2923,
123.6237

■ 97.8810, 14.8487,
137.7934

■ 130.7820, 11.4465,
108.9392

■ 90.1530, 15.7006,
144.5708

■ 147.0530, 10.3269,
94.6695

■ 163.7970, 8.4811,
79.9850

■ 179.9540, 6.9247,
65.8153

■ 196.8120, 5.5157,
51.0309

212.9690, 3.9593,
36.8612

229.7130, 2.1135,
22.1767

245.9840, 0.9939,
7.9070

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.



133.4350, 37.7465, 73.2865



114.0380, 13.2923, 123.6237



118.9610, -23.6448, 117.5522

Triad

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



114.0380, 13.2923, 123.6237



117.0420, -57.7017, -19.3308



123.5770, 64.7915, -108.3770

Complementary

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



114.0380, 13.2923, 123.6237



177.9620, -13.2923, -123.6237

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.



120.6980, 41.0679, -105.8521



114.0380, 13.2923, 123.6237



100.8910, -22.1313, -88.4814

Square

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



114.0380, 13.2923, 123.6237



127.1180, -62.6692, 34.0995



112.4900, 9.6184, -98.6537



114.7720, 69.1324, -100.6550

Rectangle

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



114.0380, 13.2923, 123.6237



124.3040, -50.9289, 95.3264



112.4900, 9.6184, -98.6537



123.3830, 58.9712, -108.2069

Sweetspot

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



114.0380, 13.2923, 123.6237



212.2680, 3.8119, 37.4760



95.6390, 78.5650, 47.6746



102.1260, 2.4029, 22.6915



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.



114.0380, 13.2923, 123.6237



90.1530, 15.7006, 144.5708



104.5300, -33.2923, 131.9622



119.5710, 0.7045, 7.3922



67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Inverse Universe

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



114.0380, 13.2923, 123.6237



90.1530, 15.7006, 144.5708



187.4700, 33.2923, -131.9622



119.5710, 0.7045, 7.3922



67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 114.0380, 13.2923, 123.6237 looks on a white background.

Color Contrast Check

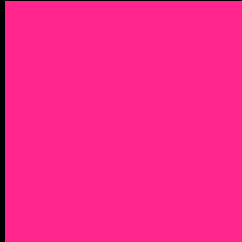
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0380, 13.2923, 123.6237 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 × Fail

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

YUV 114.0380, 13.2923, 123.6237 Background



This preview shows how black text looks on a background with the YUV color 114.0380, 13.2923, 123.6237.



This preview shows how white text looks on a background with the YUV color 114.0380, 13.2923, 123.6237.

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

114.0380, 13.2923, 123.6237

Protanopia

135.8000, 30.1716, -17.3646

Deuteranopia

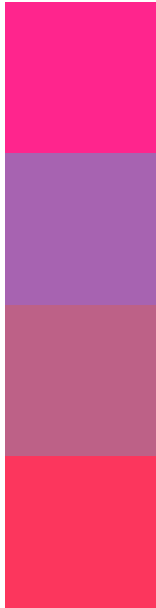
137.5670, -3.2375, 11.7807



Tritanopia

120.1410, -26.6915, 114.7633

Trichromacy



Original Color

114.0380, 13.2923, 123.6237

Protanomaly

128.2240, 24.0466, 34.0066

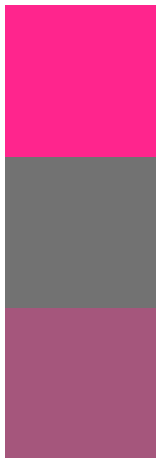
Deuteranomaly

128.8400, 3.0369, 52.7603

Tritanomaly

117.6480, -12.1515, 117.8267

Monochromacy



Original Color

114.0380, 13.2923, 123.6237

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9530, 4.9532, 44.7682

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0380, 13.2923, 123.6237 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, 37, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 37, 141)  
}
```

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, 37, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 37, 141) }
```

Border

The CSS property to change the border of an element to YUV 114.0380, 13.2923, 123.6237 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, 37, 141) }
```


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

```
.border{ border-color:rgb(255, 37, 141) }
```

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

Here you see how a box with a 4 pixel rgb(255, 37, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 37, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 37, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 37,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 114.0380, 13.2923, 123.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 37, 141) }
```

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

```
.background{ background-color: rgb(255, 37,  
141) }
```

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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