

Converting Colors

$Yxy(30.7181, 0.4607, 0.2851)$

Have a look what the booklet for
Yxy(30.7181, 0.4607, 0.2851)
contains.

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Color

Yxy(30.7493, 0.4608, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C8A
RGB	255, 92, 138
RGB Percent	100%, 36%, 54%
CMY	0.0000, 0.6393, 0.4588
CMYK	0.00, 0.64, 0.46, 0.00
HSL	343°, 100%, 68%
HSV	343°, 64%, 100%
XYZ	49.6645, 30.7493, 27.3650
YIQ	145.9810, 82.3820, 48.8620

Conversions

Conversions Part 2

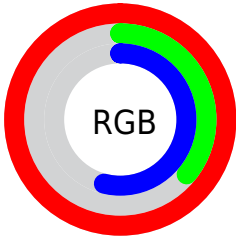
Format	Color
R _Y B	255, 92, 138
Decimal	16735370
CIE Lab	62.30, 65.24, 8.78
CIE LCh	62, 65.830, 7.663
Yxy	30.7493, 0.4608, 0.2853
Android (android.graphics.Color)	4294925450 (0xFFFF5C8A)
YUV	145.9810, -3.9346, 95.6097
Hunter-Lab	55.4521, 62.8287, 9.5574

Details

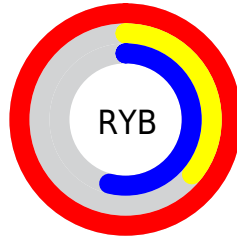
The Yxy color **30.7493, 0.4608, 0.2853** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **78.3954, 0.2548, 0.3866**, and the grayscale version is **28.7198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8343, 0.3765, 0.2865**, and **12.6953, 0.5103, 0.2690** is the 20% darker color. If you saturate the color by 10%, you get **26.5607, 0.4983, 0.2841**, and if you desaturate by 10%, it is **36.5033, 0.4261, 0.2897**.

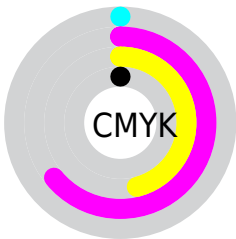
Distribution



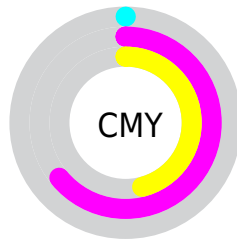
- Red (100%)
- Green (36%)
- Blue (54%)



- Red (100%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (64%)
- Yellow (46%)
- Black (0%)




- Cyan (0%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.7493, 0.4608, 0.2853 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 Yxy color 30.7493, 0.4608, 0.2853 by changing the saturation by 10% instead.


 30.7493, 0.4608,
0.2853


 30.7493, 0.4608,
0.2853


305.3817, 0.3818,
0.3102

 20.4080, 0.4819,
0.2781


 60.8452, 0.4310,
0.2951

 12.6920, 0.5097,
0.2683


 81.3685, 0.4201,
0.2985

 7.2168, 0.5475,
0.2543

 106.0547, 0.4111,
0.3014

 3.5980, 0.6016,
0.2330

 135.2881, 0.4034,
0.3037

 1.4514, 0.6826,
0.1986

169.4531, 0.3968,
0.3057

 0.2541, 0.8995,
0.1005

208.9341, 0.3911,

 0.0000, 1.0000,

0.3074

0.0000

254.1155, 0.3862,
0.3089

0.0000, 0.0000,
0.0000

30.7493, 0.4608,
0.2853

30.7493, 0.4608,
0.2853

26.5607, 0.4983,
0.2841

36.5033, 0.4261,
0.2897

23.7915, 0.5358,
0.2871

43.9759, 0.3957,
0.2962


22.2413, 0.5696,
0.2948

53.2855, 0.3701,
0.3036

21.7280, 0.5872,
0.3008

64.5440, 0.3489,
0.3114

77.8544, 0.3316,
0.3190

 93.3123, 0.3175,
0.3263

100.0000, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.7493, 0.3572, 0.2285



30.7493, 0.4608, 0.2853



30.7493, 0.5151, 0.3522

Triad

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



30.7493, 0.4608, 0.2853



30.7493, 0.3416, 0.5259



30.7493, 0.1485, 0.1968

Complementary

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



30.7493, 0.4608, 0.2853



78.3954, 0.2548, 0.3866

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.



30.7493, 0.1453, 0.2528



30.7493, 0.4608, 0.2853



30.7493, 0.2478, 0.4735

Square

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



30.7493, 0.4608, 0.2853



30.7493, 0.4330, 0.4930



30.7493, 0.1773, 0.3553



30.7493, 0.1840, 0.1792

Rectangle

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



30.7493, 0.4608, 0.2853



30.7493, 0.5118, 0.3998



30.7493, 0.1773, 0.3553



30.7493, 0.1438, 0.2106

Sweetspot

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



30.7445, 0.4608, 0.2853



70.8475, 0.3399, 0.3152



28.3966, 0.2764, 0.1631



14.3688, 0.3450, 0.3130



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.7445, 0.4608, 0.2853



25.5692, 0.5100, 0.2845



37.2870, 0.4945, 0.3630



18.0714, 0.3250, 0.3223



11.3752, 0.5830, 0.2985



1.1253, 0.5510, 0.2809

Inverse Universe

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



30.7445, 0.4608, 0.2853



25.5692, 0.5100, 0.2845



60.5108, 0.2260, 0.2851



18.0714, 0.3250, 0.3223



11.3752, 0.5830, 0.2985



1.1253, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 30.7493, 0.4608, 0.2853 looks on a white background.

Color Contrast Check

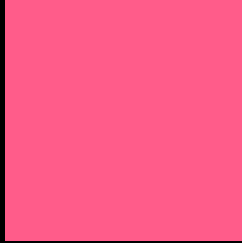
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.7493, 0.4608, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

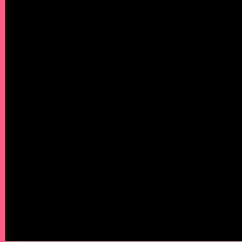
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7493, 0.4608, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 30.7493, 0.4608, 0.2853.



This preview shows how white text looks on a background with the Yxy color 30.7493, 0.4608, 0.2853.

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

30.7493, 0.4608, 0.2853

Protanopia

31.0109, 0.2926, 0.2988

Deuteranopia

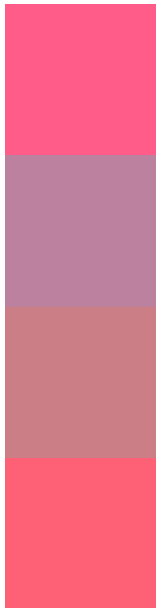
30.7467, 0.3586, 0.3513



Tritanopia

30.8262, 0.4994, 0.3240

Trichromacy



Original Color

30.7493, 0.4608, 0.2853

Protanomaly

28.7339, 0.3475, 0.2893

Deuteranomaly

29.3117, 0.3967, 0.3201

Tritanomaly

30.7209, 0.4865, 0.3097

Monochromacy



Original Color

30.7493, 0.4608, 0.2853

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.3440, 0.3648, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7493, 0.4608, 0.2853 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, 92, 138)` looks like.

```
.text, #text, p{  
  color:rgb(255, 92, 138)  
}
```

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, 92, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 138) }
```

Border

The CSS property to change the border of an element to Yxy 30.7493, 0.4608, 0.2853 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, 92, 138) }
```

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

```
.border{ border-color:rgb(255, 92, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7493, 0.4608, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 138) }
```

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

```
.background{ background-color: rgb(255, 92,  
138) }
```

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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