

Converting Colors

Yxy(36.6320, 0.4312, 0.2568)

Have a look what the booklet for
Yxy(36.6320, 0.4312, 0.2568)
contains.

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Color

Yxy(32.1838, 0.4098, 0.2494)

Conversions

Conversions Part 1

Format	Color
Hex	FF5DAF
RGB	255, 93, 175
RGB Percent	100%, 36%, 69%
CMY	0.0001, 0.6351, 0.3138
CMYK	0.00, 0.64, 0.31, 0.00
HSL	330°, 100%, 68%
HSV	330°, 64%, 100%
XYZ	52.8826, 32.1838, 43.9785
YIQ	150.7860, 70.2300, 59.8460

Conversions

Conversions Part 2

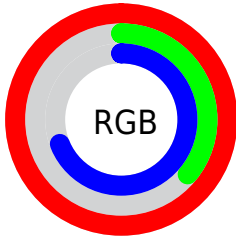
Format	Color
R _Y B	255, 93, 175
Decimal	16735663
CIE Lab	63.49, 68.59, -10.78
CIE LCh	63, 69.433, 351.068
Yxy	32.1838, 0.4098, 0.2494
Android (android.graphics.Color)	4294925743 (0xFFFF5DAF)
YUV	150.7860, 11.9375, 91.3957
Hunter-Lab	56.7308, 67.1131, -6.2509

Details

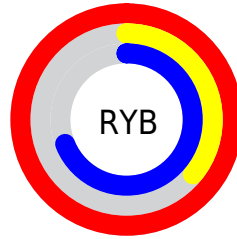
The Yxy color **32.1838, 0.4098, 0.2494** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **76.8466, 0.2709, 0.4353**, and the grayscale version is **30.7836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1627, 0.3379, 0.2490**, and **13.4732, 0.4385, 0.2263** is the 20% darker color. If you saturate the color by 10%, you get **27.9566, 0.4336, 0.2433**, and if you desaturate by 10%, it is **37.9519, 0.3879, 0.2592**.

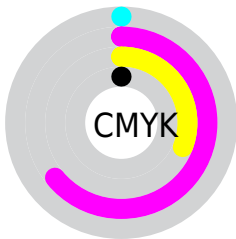
Distribution



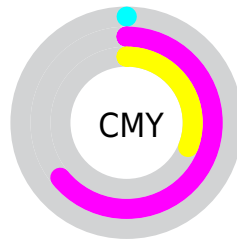
- Red (100%)
- Green (36%)
- Blue (69%)



- Red (100%)
- Yellow (36%)
- Blue (69%)



- Cyan (0%)
- Magenta (64%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1838, 0.4098, 0.2494 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 32.1838, 0.4098, 0.2494 by changing the saturation by 10% instead.

 32.1838, 0.4098,
0.2494


 32.1838, 0.4098,
0.2494

311.9557, 0.3598,
0.2892

 21.5019, 0.4227,
0.2396


 63.0991, 0.3913,
0.2638


 13.4914, 0.4394,
0.2270


 84.1014, 0.3845,
0.2692

 7.7678, 0.4619,
0.2106


 109.3125, 0.3787,
0.2738

 3.9467, 0.4936,
0.1881

 139.1169, 0.3738,
0.2778

 1.6438, 0.5413,
0.1561

173.8991, 0.3696,
0.2812

 0.3869, 0.6315,
0.0904

214.0433, 0.3659,

 0.0000, 1.0000,

0.2842

0.0000

259.9341, 0.3626,
0.2868

■ 0.0000, 0.0000,
0.0000

■ 32.1838, 0.4098,
0.2494

■ 32.1838, 0.4098,
0.2494

■ 27.9566, 0.4336,
0.2433

■ 37.9519, 0.3879,
0.2592

■ 25.1093, 0.4582,
0.2420

■ 45.3908, 0.3685,
0.2713

■ 23.4533, 0.4824,
0.2462

■ 54.6223, 0.3517,
0.2846

■ 22.8397, 0.4975,
0.2514

■ 65.7550, 0.3375,
0.2983

■ 78.8894, 0.3256,
0.3118

94.1182, 0.3158,
0.3247

99.9938, 0.3127,
0.3290

Harmonies

Analogous

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



32.1838, 0.2967, 0.2012



32.1838, 0.4098, 0.2494



32.1838, 0.5004, 0.3131

Triad

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



32.1838, 0.4098, 0.2494



32.1838, 0.3951, 0.5216



32.1838, 0.1379, 0.2183

Complementary

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



32.1838, 0.4098, 0.2494



76.8466, 0.2709, 0.4353

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.



32.1838, 0.1533, 0.3025



32.1838, 0.4098, 0.2494



32.1838, 0.2970, 0.5227

Square

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



32.1838, 0.4098, 0.2494



32.1838, 0.4787, 0.4590



32.1838, 0.2080, 0.4277



32.1838, 0.1558, 0.1805

Rectangle

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



32.1838, 0.4098, 0.2494



32.1838, 0.5239, 0.3598



32.1838, 0.2080, 0.4277



32.1838, 0.1391, 0.2406

Sweetspot

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



32.1855, 0.4098, 0.2494



71.4414, 0.3319, 0.3044



23.7473, 0.2431, 0.1487



14.5113, 0.3354, 0.3006



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.



32.1855, 0.4098, 0.2494



27.1318, 0.4397, 0.2425



29.9304, 0.5165, 0.3272



18.1405, 0.3214, 0.3170



11.9680, 0.4938, 0.2494



1.1873, 0.4688, 0.2356

Inverse Universe

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



32.1855, 0.4098, 0.2494



27.1318, 0.4397, 0.2425



80.8740, 0.2376, 0.3319



18.1405, 0.3214, 0.3170



11.9680, 0.4938, 0.2494



1.1873, 0.4688, 0.2356

Previews

White Background



This preview shows how the Yxy color 32.1838, 0.4098, 0.2494 looks on a white background.

Color Contrast Check

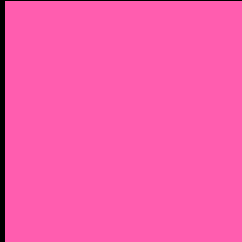
Large Text (above 18pt) WCAG AA × Fail

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 32.1838, 0.4098, 0.2494 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 32.1838, 0.4098, 0.2494

Background



This preview shows how black text looks on a background with the Yxy color 32.1838, 0.4098, 0.2494.



This preview shows how white text looks on a background with the Yxy color 32.1838, 0.4098, 0.2494.

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

32.1838, 0.4098, 0.2494

Protanopia

32.5137, 0.2484, 0.2412

Deuteranopia

32.3892, 0.3099, 0.3043



Tritanopia

32.0543, 0.4802, 0.3226

Trichromacy



Original Color

32.1838, 0.4098, 0.2494



Protanomaly

29.9864, 0.2957, 0.2388



Deuteranomaly

30.3386, 0.3440, 0.2756



Tritanomaly

31.9758, 0.4561, 0.2956

Monochromacy



Original Color

32.1838, 0.4098, 0.2494



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

29.3221, 0.3473, 0.2883

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1838, 0.4098, 0.2494 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, 93, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 175)  
}
```

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, 93, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 175) }
```

Border

The CSS property to change the border of an element to Yxy 32.1838, 0.4098, 0.2494 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, 93, 175) }
```

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

```
.border{ border-color:rgb(255, 93, 175) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1838, 0.4098, 0.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 175) }
```

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

```
.background{ background-color: rgb(255, 93,  
175) }
```

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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