

Converting Colors

$Y_{xy}(32.2426, 0.4107, 0.2505)$

Have a look what the booklet for
Yxy(32.2426, 0.4107, 0.2505)
contains.

Yxy(32.3214, 0.4109, 0.2511)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.3214, 0.4109, 0.2511)

Conversions

Conversions Part 1

Format	Color
Hex	FF5EAE
RGB	255, 94, 174
RGB Percent	100%, 37%, 68%
CMY	0.0000, 0.6315, 0.3176
CMYK	0.00, 0.63, 0.32, 0.00
HSL	330°, 100%, 68%
HSV	330°, 63%, 100%
XYZ	52.8907, 32.3214, 43.5071
YIQ	151.2590, 70.2760, 59.0120

Conversions

Conversions Part 2

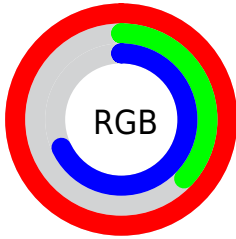
Format	Color
R _Y B	255, 94, 174
Decimal	16735918
CIE Lab	63.61, 68.12, -10.05
CIE LCh	64, 68.862, 351.604
Yxy	32.3214, 0.4109, 0.2511
Android (android.graphics.Color)	4294925998 (0xFFFF5EAE)
YUV	151.2590, 11.2113, 90.9809
Hunter-Lab	56.8519, 66.5721, -5.5766

Details

The Yxy color **32.3214, 0.4109, 0.2511** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **76.9920, 0.2703, 0.4326**, and the grayscale version is **30.9877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3736, 0.3396, 0.2517**, and **13.5697, 0.4400, 0.2287** is the 20% darker color. If you saturate the color by 10%, you get **28.0328, 0.4351, 0.2450**, and if you desaturate by 10%, it is **38.1494, 0.3886, 0.2608**.

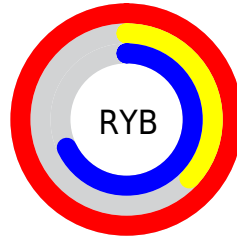
Distribution



Red (100%)

Green (37%)

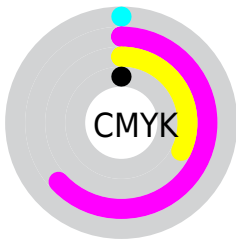
Blue (68%)



Red (100%)

Yellow (37%)

Blue (68%)

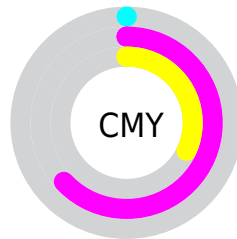


Cyan (0%)

Magenta (63%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3214, 0.4109, 0.2511 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 32.3214, 0.4109, 0.2511 by changing the saturation by 10% instead.


 32.3214, 0.4109,
0.2511


 32.3214, 0.4109,
0.2511


312.5807, 0.3603,
0.2901

 21.6071, 0.4239,
0.2414


 63.3146, 0.3922,
0.2653


 13.5685, 0.4409,
0.2291


 84.3623, 0.3852,
0.2706

 7.8212, 0.4638,
0.2128


 109.6233, 0.3794,
0.2751

 3.9807, 0.4961,
0.1906

 139.4819, 0.3744,
0.2790

 1.6628, 0.5447,
0.1588

174.3225, 0.3702,
0.2823

 0.3994, 0.6360,
0.0939

214.5296, 0.3664,

 0.0000, 1.0000,

0.2852

0.0000

260.4876, 0.3632,
0.2878

■ 0.0000, 0.0000,
0.0000

■ 32.3214, 0.4109,
0.2511

■ 32.3214, 0.4109,
0.2511

■ 28.0328, 0.4351,
0.2450

■ 38.1494, 0.3886,
0.2608

■ 25.1363, 0.4603,
0.2437

■ 45.6594, 0.3689,
0.2727


■ 23.4408, 0.4851,
0.2480

■ 54.9681, 0.3518,
0.2859

■ 22.7861, 0.5014,
0.2536

■ 66.1844, 0.3374,
0.2993

■ 79.4080, 0.3254,
0.3126

 94.7320, 0.3155,
0.3252

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.



32.3214, 0.2988, 0.2028



32.3214, 0.4109, 0.2511



32.3214, 0.4997, 0.3147

Triad

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



32.3214, 0.4109, 0.2511



32.3214, 0.3931, 0.5207



32.3214, 0.1391, 0.2182

Complementary

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



32.3214, 0.4109, 0.2511



76.9920, 0.2703, 0.4326

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.



32.3214, 0.1540, 0.3010



32.3214, 0.4109, 0.2511



32.3214, 0.2956, 0.5197

Square

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



32.3214, 0.4109, 0.2511



32.3214, 0.4764, 0.4596



32.3214, 0.2077, 0.4245



32.3214, 0.1576, 0.1812

Rectangle

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



32.3214, 0.4109, 0.2511



32.3214, 0.5222, 0.3612



32.3214, 0.2077, 0.4245



32.3214, 0.1402, 0.2402

Sweetspot

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



32.3187, 0.4109, 0.2511



71.4168, 0.3322, 0.3049



24.2768, 0.2459, 0.1507



14.5054, 0.3358, 0.3011



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.



32.3187, 0.4109, 0.2511



27.0716, 0.4423, 0.2441



30.0696, 0.5180, 0.3296



18.1377, 0.3216, 0.3172



11.9363, 0.4977, 0.2515



1.1842, 0.4721, 0.2374

Inverse Universe

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



32.3187, 0.4109, 0.2511



27.0716, 0.4423, 0.2441



81.1186, 0.2368, 0.3288



18.1377, 0.3216, 0.3172



11.9363, 0.4977, 0.2515



1.1842, 0.4721, 0.2374

Previews

White Background



This preview shows how the Yxy color 32.3214, 0.4109, 0.2511 looks on a white background.

Color Contrast Check

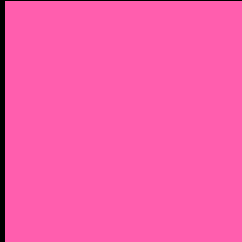
Large Text (above 18pt) WCAG AA × Fail

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 32.3214, 0.4109, 0.2511 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 32.3214, 0.4109, 0.2511

Background



This preview shows how black text looks on a background with the Yxy color 32.3214, 0.4109, 0.2511.



This preview shows how white text looks on a background with the Yxy color 32.3214, 0.4109, 0.2511.

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

32.3214, 0.4109, 0.2511

Protanopia

32.5458, 0.2498, 0.2425

Deuteranopia

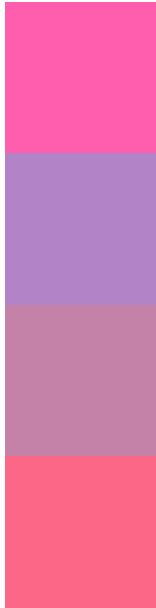
32.4584, 0.3118, 0.3058



Tritanopia

32.2869, 0.4784, 0.3226

Trichromacy



Original Color

32.3214, 0.4109, 0.2511

Protanomaly

29.9398, 0.2966, 0.2399

Deuteranomaly

30.7002, 0.3460, 0.2783

Tritanomaly

32.1735, 0.4556, 0.2965

Monochromacy



Original Color

32.3214, 0.4109, 0.2511

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.2873, 0.3484, 0.2897

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3214, 0.4109, 0.2511 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, 94, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 174)  
}
```

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, 94, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 174) }
```

Border

The CSS property to change the border of an element to Yxy 32.3214, 0.4109, 0.2511 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, 94, 174) }
```

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

```
.border{ border-color:rgb(255, 94, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3214, 0.4109, 0.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 174) }
```

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

```
.background{ background-color: rgb(255, 94,  
174) }
```

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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