

Converting Colors

Yxy(32.9122, 0.4128, 0.2563)

Have a look what the booklet for
Yxy(32.9122, 0.4128, 0.2563)
contains.

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Color

Yxy(32.9739, 0.4125, 0.2564)

Conversions

Conversions Part 1

Format	Color
Hex	FF62AC
RGB	255, 98, 172
RGB Percent	100%, 38%, 67%
CMY	0.0000, 0.6156, 0.3256
CMYK	0.00, 0.62, 0.33, 0.00
HSL	332°, 100%, 69%
HSV	332°, 62%, 100%
XYZ	53.0489, 32.9739, 42.5806
YIQ	153.3790, 69.8180, 56.2980

Conversions

Conversions Part 2

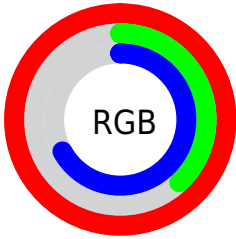
Format	Color
R _Y B	255, 98, 172
Decimal	16736940
CIE Lab	64.14, 66.24, -8.08
CIE LCh	64, 66.731, 353.042
Yxy	32.9739, 0.4125, 0.2564
Android (android.graphics.Color)	4294927020 (0xFFFF62AC)
YUV	153.3790, 9.1802, 89.1216
Hunter-Lab	57.4229, 64.4132, -3.7690

Details

The Yxy color **32.9739, 0.4125, 0.2564** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **77.4507, 0.2690, 0.4239**, and the grayscale version is **31.9685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5830, 0.3410, 0.2574**, and **13.9131, 0.4425, 0.2351** is the 20% darker color. If you saturate the color by 10%, you get **28.4465, 0.4381, 0.2502**, and if you desaturate by 10%, it is **39.0766, 0.3892, 0.2659**.

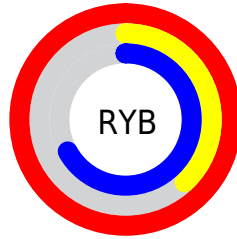
Distribution



Red (100%)

Green (38%)

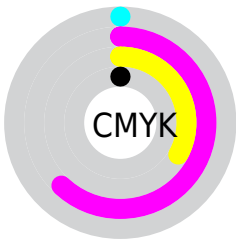
Blue (67%)



Red (100%)

Yellow (38%)

Blue (67%)

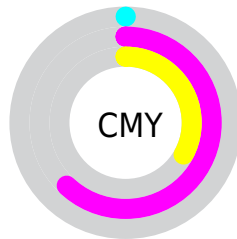


Cyan (0%)

Magenta (62%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9739, 0.4125, 0.2564 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 32.9739, 0.4125, 0.2564 by changing the saturation by 10% instead.


 32.9739, 0.4125,
0.2564


 32.9739, 0.4125,
0.2564


315.5321, 0.3609,
0.2930


 22.1065, 0.4258,
0.2473


 64.3348, 0.3934,
0.2697


 13.9351, 0.4431,
0.2356


 85.5970, 0.3863,
0.2747

 8.0756, 0.4665,
0.2201


 111.0929, 0.3804,
0.2789

 4.1433, 0.4997,
0.1988

 141.2070, 0.3754,
0.2825

 1.7541, 0.5497,
0.1680

176.3235, 0.3710,
0.2857

 0.4583, 0.6411,
0.1078

216.8270, 0.3672,

 0.0000, 1.0000,

0.2884

0.0000

263.1017, 0.3639,
0.2908

■ 0.0000, 0.0000,
0.0000

■ 32.9739, 0.4125,
0.2564

■ 32.9739, 0.4125,
0.2564

■ 28.4465, 0.4381,
0.2502

■ 39.0766, 0.3892,
0.2659

■ 25.3375, 0.4649,
0.2487

■ 46.8814, 0.3687,
0.2775

■ 23.4666, 0.4914,
0.2526

■ 56.5078, 0.3512,
0.2901

■ 22.6172, 0.5126,
0.2598

■ 68.0632, 0.3365,
0.3029

■ 81.6466, 0.3242,
0.3154

97.3500, 0.3141,
0.3272

99.9983, 0.3127,
0.3290

Harmonies

Analogous

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



32.9739, 0.3045, 0.2083



32.9739, 0.4125, 0.2564



32.9739, 0.4955, 0.3191

Triad

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



32.9739, 0.4125, 0.2564



32.9739, 0.3875, 0.5161



32.9739, 0.1441, 0.2195

Complementary

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



32.9739, 0.4125, 0.2564



77.4507, 0.2690, 0.4239

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.



32.9739, 0.1573, 0.2977



32.9739, 0.4125, 0.2564



32.9739, 0.2927, 0.5092

Square

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



32.9739, 0.4125, 0.2564



32.9739, 0.4690, 0.4603



32.9739, 0.2082, 0.4148



32.9739, 0.1636, 0.1848

Rectangle

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



32.9739, 0.4125, 0.2564



32.9739, 0.5154, 0.3649



32.9739, 0.2082, 0.4148



32.9739, 0.1447, 0.2403

Sweetspot

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



32.9756, 0.4125, 0.2564



72.6638, 0.3319, 0.3074



25.5580, 0.2503, 0.1559



14.7444, 0.3356, 0.3037



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.



32.9756, 0.4125, 0.2564



27.5645, 0.4446, 0.2494



31.3785, 0.5085, 0.3320



18.1295, 0.3220, 0.3179



11.8485, 0.5087, 0.2576



1.1755, 0.4817, 0.2427

Inverse Universe

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



32.9756, 0.4125, 0.2564



27.5645, 0.4446, 0.2494



79.6741, 0.2372, 0.3257



18.1295, 0.3220, 0.3179



11.8485, 0.5087, 0.2576



1.1755, 0.4817, 0.2427

Previews

White Background



This preview shows how the Yxy color 32.9739, 0.4125, 0.2564 looks on a white background.

Color Contrast Check

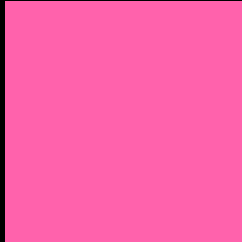
Large Text (above 18pt) WCAG AA × Fail

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 32.9739, 0.4125, 0.2564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

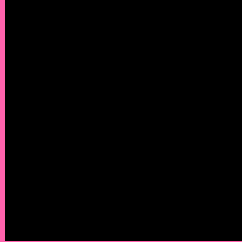
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9739, 0.4125, 0.2564

Background



This preview shows how black text looks on a background with the Yxy color 32.9739, 0.4125, 0.2564.



This preview shows how white text looks on a background with the Yxy color 32.9739, 0.4125, 0.2564.

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

32.9739, 0.4125, 0.2564

Protanopia

33.2901, 0.2564, 0.2519

Deuteranopia

33.0290, 0.3166, 0.3103



Tritanopia

32.9691, 0.4743, 0.3215

Trichromacy



Original Color

32.9739, 0.4125, 0.2564



Protanomaly

30.9808, 0.3023, 0.2479



Deuteranomaly

31.4347, 0.3500, 0.2837



Tritanomaly

32.8385, 0.4515, 0.2972

Monochromacy



Original Color

32.9739, 0.4125, 0.2564



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

30.2603, 0.3477, 0.2926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9739, 0.4125, 0.2564 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, 98, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 172)  
}
```

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, 98, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 172) }
```

Border

The CSS property to change the border of an element to Yxy 32.9739, 0.4125, 0.2564 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, 98, 172) }
```

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

```
.border{ border-color:rgb(255, 98, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 98, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9739, 0.4125, 0.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 172) }
```

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

```
.background{ background-color: rgb(255, 98,  
172) }
```

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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