

Converting Colors

Yxy(31.9506, 0.3594, 0.2099)

Have a look what the booklet for
Yxy(31.9506, 0.3594, 0.2099)
contains.

| | |
|--|----|
| Yxy(32.0569, 0.3595, 0.2103) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(32.0569, 0.3595, 0.2103)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FA58D4 |
| RGB | 250, 88, 212 |
| RGB Percent | 98%, 35%, 83% |
| CMY | 0.0195, 0.6549, 0.1687 |
| CMYK | 0.00, 0.65, 0.15, 0.02 |
| HSL | 314°, 94%, 66% |
| HSV | 314°, 65%, 98% |
| XYZ | 54.8001, 32.0569, 65.5772 |
| YIQ | 150.5740, 56.7480, 72.9080 |

Conversions

Conversions Part 2

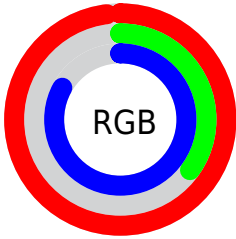
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 250, 88, 212 |
| Decimal | 16406740 |
| CIE _{Lab} | 63.39, 73.95, -32.02 |
| CIE _{LCh} | 63, 80.588, 336.588 |
| Yxy | 32.0569, 0.3595, 0.2103 |
| Android (android.graphics.Color) | 4294596820 (0xFFFA58D4) |
| YUV | 150.5740, 30.2830, 87.1966 |
| Hunter-Lab | 56.6188, 73.6832, -29.0378 |

Details

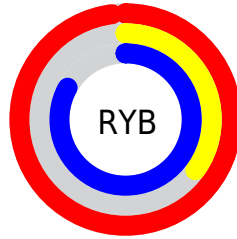
The Yxy color **32.0569, 0.3595, 0.2103** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **71.9622, 0.2888, 0.4950**, and the grayscale version is **30.6064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3474, 0.3176, 0.2248**, and **13.4466, 0.3704, 0.1821** is the 20% darker color. If you saturate the color by 10%, you get **28.3432, 0.3690, 0.1998**, and if you desaturate by 10%, it is **37.1910, 0.3502, 0.2247**.

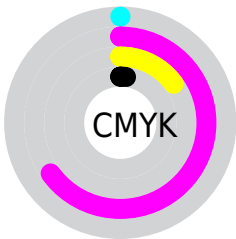
Distribution



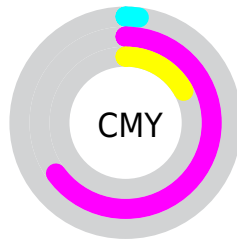
- Red (98%)
- Green (35%)
- Blue (83%)



- Red (98%)
- Yellow (35%)
- Blue (83%)



- Cyan (0%)
- Magenta (65%)
- Yellow (15%)
- Black (2%)




- Cyan (2%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0569, 0.3595, 0.2103 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 32.0569, 0.3595, 0.2103 by changing the saturation by 10% instead.


 32.0569, 0.3595,
0.2103


 32.0569, 0.3595,
0.2103

311.3784, 0.3379,
0.2662

 21.4050, 0.3643,
0.1975


 62.9003, 0.3521,
0.2297


 13.4203, 0.3701,
0.1819


 83.8605, 0.3492,
0.2373

 7.7186, 0.3773,
0.1623


 109.0256, 0.3466,
0.2438

 3.9154, 0.3862,
0.1373

 138.7800, 0.3444,
0.2494

 1.6264, 0.3971,
0.1052

173.5081, 0.3425,
0.2544

 0.3753, 0.4149,
0.0524

213.5943, 0.3408,

 0.0000, 0.4276,

0.2588

0.0000

259.4229, 0.3393,
0.2627

■ 0.0000, 0.1958,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.0569, 0.3595,
0.2103

■ 32.0569, 0.3595,
0.2103

■ 28.3432, 0.3690,
0.1998

■ 37.1910, 0.3502,
0.2247

■ 25.8944, 0.3786,
0.1938


■ 43.8705, 0.3416,
0.2419

■ 24.5266, 0.3878,
0.1927

■ 52.2119, 0.3336,
0.2609

■ 24.1030, 0.3924,
0.1935

■ 62.3192, 0.3265,
0.2808

 74.2880, 0.3203,
0.3007

 88.2068, 0.3150,
0.3200

 98.9428, 0.3107,
0.3309

 99.0668, 0.3096,
0.3290

Harmonies

Analogous

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



32.0569, 0.2394, 0.1699



32.0569, 0.3595, 0.2103



32.0569, 0.4868, 0.2726

Triad

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



32.0569, 0.3595, 0.2103



32.0569, 0.4482, 0.5119



32.0569, 0.1209, 0.2386

Complementary

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



32.0569, 0.3595, 0.2103



71.9622, 0.2888, 0.4950

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.



32.0569, 0.1553, 0.3634



32.0569, 0.3595, 0.2103



32.0569, 0.3424, 0.5671

Square

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



32.0569, 0.3595, 0.2103



32.0569, 0.5292, 0.4257



32.0569, 0.2351, 0.5135



32.0569, 0.1245, 0.1758

Rectangle

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



32.0569, 0.3595, 0.2103



32.0569, 0.5403, 0.3204



32.0569, 0.2351, 0.5135



32.0569, 0.1276, 0.2729

Sweetspot

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



32.0585, 0.3595, 0.2103



72.1770, 0.3228, 0.2923



18.3025, 0.2093, 0.1307



14.6898, 0.3246, 0.2866



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.



32.0585, 0.3595, 0.2103



28.6676, 0.3722, 0.1973



28.9499, 0.4673, 0.2877



17.4508, 0.3174, 0.3110



12.8066, 0.3910, 0.1928



1.2024, 0.3808, 0.1872

Inverse Universe

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



32.0585, 0.3595, 0.2103



28.6676, 0.3722, 0.1973



74.9509, 0.2534, 0.3840



17.4508, 0.3174, 0.3110



12.8066, 0.3910, 0.1928



1.2024, 0.3808, 0.1872

Previews

White Background



This preview shows how the Yxy color 32.0569, 0.3595, 0.2103 looks on a white background.

Color Contrast Check

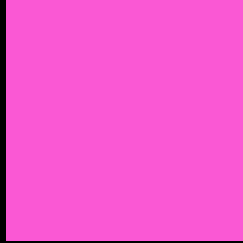
Large Text (above 18pt) WCAG AA × Fail

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 32.0569, 0.3595, 0.2103 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 32.0569, 0.3595, 0.2103

Background



This preview shows how black text looks on a background with the Yxy color 32.0569, 0.3595, 0.2103.

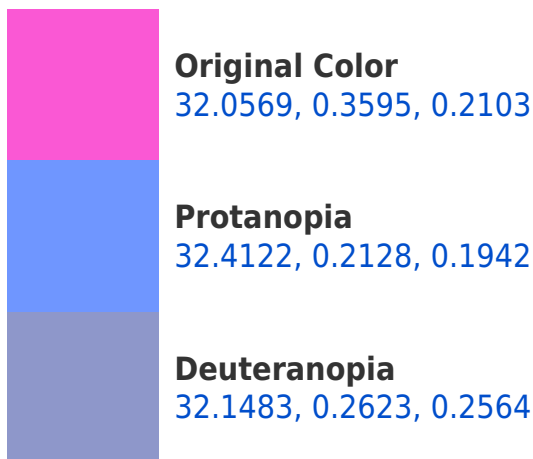


This preview shows how white text looks on a background with the Yxy color 32.0569, 0.3595, 0.2103.

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





Tritanopia

31.8915, 0.4592, 0.3210

Trichromacy



Original Color

32.0569, 0.3595, 0.2103



Protanomaly

29.0921, 0.2497, 0.1909



Deuteranomaly

29.7183, 0.2922, 0.2290



Tritanomaly

31.4668, 0.4231, 0.2768

Monochromacy



Original Color

32.0569, 0.3595, 0.2103



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

29.0203, 0.3310, 0.2686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0569, 0.3595, 0.2103 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(250, 88, 212)` looks like.

```
.text, #text, p{  
    color:rgb(250, 88, 212)  
}
```

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(250, 88, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 88, 212) }
```

Border

The CSS property to change the border of an element to Yxy 32.0569, 0.3595, 0.2103 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(250, 88, 212) }
```

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

```
.border{ border-color:rgb(250, 88, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 88, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 88, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 88, 212);  
box-shadow:4px 4px 4px 4px rgb(250, 88,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0569, 0.3595, 0.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 88, 212) }
```

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

```
.background{ background-color: rgb(250, 88,  
212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor