

Converting Colors

Yxy(32.6805, 0.3878, 0.2322)

Have a look what the booklet for
Yxy(32.6805, 0.3878, 0.2322)
contains.

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Color

Yxy(32.7201, 0.3882, 0.2327)

Conversions

Conversions Part 1

Format	Color
Hex	FF5CC0
RGB	255, 92, 192
RGB Percent	100%, 36%, 75%
CMY	0.0000, 0.6392, 0.2471
CMYK	0.00, 0.64, 0.25, 0.00
HSL	323°, 100%, 68%
HSV	323°, 64%, 100%
XYZ	54.5851, 32.7201, 53.3055
YIQ	152.1370, 65.0480, 65.6560

Conversions

Conversions Part 2

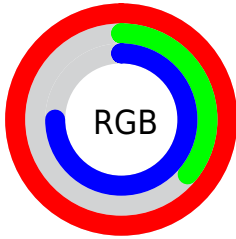
Format	Color
R _Y B	255, 92, 192
Decimal	16735424
CIE Lab	63.93, 71.06, -19.81
CIE LCh	64, 73.774, 344.422
Yxy	32.7201, 0.3882, 0.2327
Android (android.graphics.Color)	4294925504 (0xFFFF5CC0)
YUV	152.1370, 19.6525, 90.2109
Hunter-Lab	57.2015, 70.2327, -15.2107

Details

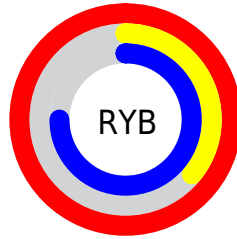
The Yxy color **32.7201, 0.3882, 0.2327** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **76.1616, 0.2784, 0.4601**, and the grayscale version is **31.3520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2328, 0.3224, 0.2333**, and **13.7369, 0.4095, 0.2079** is the 20% darker color. If you saturate the color by 10%, you get **28.5977, 0.4056, 0.2245**, and if you desaturate by 10%, it is **38.3555, 0.3719, 0.2447**.

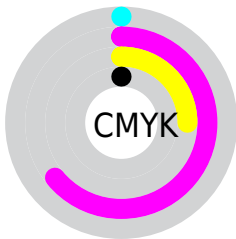
Distribution



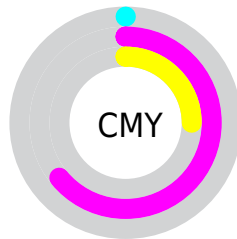
- Red (100%)
- Green (36%)
- Blue (75%)



- Red (100%)
- Yellow (36%)
- Blue (75%)



- Cyan (0%)
- Magenta (64%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7201, 0.3882, 0.2327 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 32.7201, 0.3882, 0.2327 by changing the saturation by 10% instead.

 32.7201, 0.3882,
0.2327


 32.7201, 0.3882,
0.2327


314.3866, 0.3505,
0.2793


 21.9121, 0.3975,
0.2216


 63.9383, 0.3746,
0.2492


 13.7923, 0.4094,
0.2078


 85.1173, 0.3694,
0.2556

 7.9764, 0.4250,
0.1900

 110.5221, 0.3651,
0.2610

 4.0798, 0.4463,
0.1665

 140.5370, 0.3613,
0.2657

 1.7183, 0.4771,
0.1346

175.5466, 0.3581,
0.2697

 0.4355, 0.5308,
0.0786

215.9351, 0.3553,

 0.0000, 0.6320,

0.2733

0.0000

262.0870, 0.3528,
0.2765

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

32.7201, 0.3882,
0.2327

32.7201, 0.3882,
0.2327

28.5977, 0.4056,
0.2245

38.3555, 0.3719,
0.2447

25.8350, 0.4235,
0.2210


45.6422, 0.3572,
0.2591


24.2397, 0.4412,
0.2229

54.6990, 0.3442,
0.2750

23.6752, 0.4516,
0.2262

65.6346, 0.3330,
0.2914

 78.5491, 0.3235,
0.3075

 93.5352, 0.3155,
0.3231

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.



32.7201, 0.2716, 0.1879



32.7201, 0.3882, 0.2327



32.7201, 0.4947, 0.2957

Triad

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



32.7201, 0.3882, 0.2327



32.7201, 0.4182, 0.5187



32.7201, 0.1311, 0.2269

Complementary

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



32.7201, 0.3882, 0.2327



76.1616, 0.2784, 0.4601

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.



32.7201, 0.1548, 0.3270



32.7201, 0.3882, 0.2327



32.7201, 0.3173, 0.5433

Square

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



32.7201, 0.3882, 0.2327



32.7201, 0.5001, 0.4449



32.7201, 0.2202, 0.4632



32.7201, 0.1424, 0.1790

Rectangle

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



32.7201, 0.3882, 0.2327



32.7201, 0.5307, 0.3427



32.7201, 0.2202, 0.4632



32.7201, 0.1348, 0.2540

Sweetspot

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



32.7190, 0.3882, 0.2327



71.7399, 0.3281, 0.2994



21.7907, 0.2291, 0.1415



14.5835, 0.3309, 0.2947



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.



32.7190, 0.3882, 0.2327



27.6111, 0.4111, 0.2229



30.0614, 0.4977, 0.3121



18.1744, 0.3198, 0.3145



12.4009, 0.4489, 0.2247



1.2288, 0.4303, 0.2144

Inverse Universe

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



32.7190, 0.3882, 0.2327



27.6111, 0.4111, 0.2229



79.8502, 0.2437, 0.3518



18.1744, 0.3198, 0.3145



12.4009, 0.4489, 0.2247



1.2288, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 32.7201, 0.3882, 0.2327 looks on a white background.

Color Contrast Check

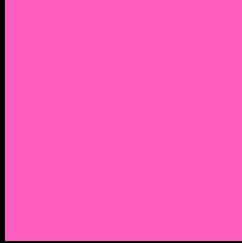
Large Text (above 18pt) WCAG AA × Fail

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 32.7201, 0.3882, 0.2327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

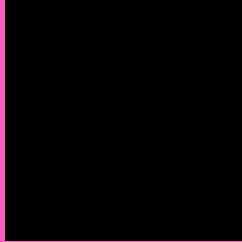
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7201, 0.3882, 0.2327

Background



This preview shows how black text looks on a background with the Yxy color 32.7201, 0.3882, 0.2327.



This preview shows how white text looks on a background with the Yxy color 32.7201, 0.3882, 0.2327.

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

32.7201, 0.3882, 0.2327

Protanopia

32.9309, 0.2293, 0.2159

Deuteranopia

33.0435, 0.2900, 0.2845



Tritanopia

32.8166, 0.4718, 0.3224

Trichromacy



Original Color

32.7201, 0.3882, 0.2327



Protanomaly

29.9564, 0.2714, 0.2137



Deuteranomaly

30.8479, 0.3235, 0.2570



Tritanomaly

32.4542, 0.4422, 0.2879

Monochromacy



Original Color

32.7201, 0.3882, 0.2327



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

29.5741, 0.3394, 0.2793

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7201, 0.3882, 0.2327 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 192) }
```

Border

The CSS property to change the border of an element to Yxy 32.7201, 0.3882, 0.2327 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, 192) }
```

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

```
.border{ border-color:rgb(255, 92, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7201, 0.3882, 0.2327 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, 192) }
```

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

```
.background{ background-color: rgb(255, 92,  
192) }
```

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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