

Converting Colors

Yxy(33.6514, 0.3804, 0.2213)

Have a look what the booklet for
Yxy(33.6514, 0.3804, 0.2213)
contains.

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Color

Yxy(32.4360, 0.3742, 0.2185)

Conversions

Conversions Part 1

Format	Color
Hex	FF57CC
RGB	255, 87, 204
RGB Percent	100%, 34%, 80%
CMY	0.0000, 0.6588, 0.2000
CMYK	0.00, 0.66, 0.20, 0.00
HSL	318°, 100%, 67%
HSV	318°, 66%, 100%
XYZ	55.5494, 32.4360, 60.4631
YIQ	150.5700, 62.5710, 72.0030

Conversions

Conversions Part 2

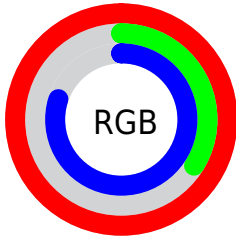
Format	Color
R _Y B	255, 87, 204
Decimal	16734156
CIE Lab	63.70, 74.50, -26.97
CIE LCh	64, 79.230, 340.097
Yxy	32.4360, 0.3742, 0.2185
Android (android.graphics.Color)	4294924236 (0xFFFF57CC)
YUV	150.5700, 26.3410, 91.5851
Hunter-Lab	56.9526, 74.4351, -23.0777

Details

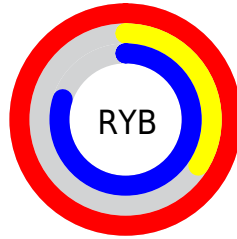
The Yxy color **32.4360, 0.3742, 0.2185** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **75.3811, 0.2840, 0.4835**, and the grayscale version is **30.6197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3474, 0.3176, 0.2248**, and **13.6713, 0.3884, 0.1913** is the 20% darker color. If you saturate the color by 10%, you get **28.6488, 0.3872, 0.2096**, and if you desaturate by 10%, it is **37.6997, 0.3618, 0.2314**.

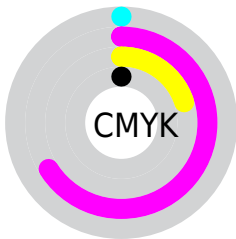
Distribution



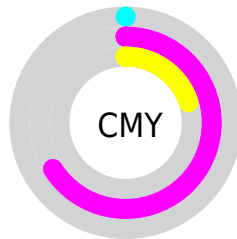
- Red (100%)
- Green (34%)
- Blue (80%)



- Red (100%)
- Yellow (34%)
- Blue (80%)



- Cyan (0%)
- Magenta (66%)
- Yellow (20%)
- Black (0%)




- Cyan (0%)
- Magenta (66%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4360, 0.3742, 0.2185 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 32.4360, 0.3742, 0.2185 by changing the saturation by 10% instead.


 32.4360, 0.3742,
0.2185


 32.4360, 0.3742,
0.2185


313.1006, 0.3446,
0.2710


 21.6947, 0.3812,
0.2063


 63.4940, 0.3637,
0.2369


 13.6328, 0.3899,
0.1913


 84.5795, 0.3597,
0.2440

 7.8657, 0.4011,
0.1724


 109.8819, 0.3563,
0.2501

 4.0091, 0.4157,
0.1479

 139.7855, 0.3533,
0.2554

 1.6787, 0.4356,
0.1158

174.6748, 0.3507,
0.2600

 0.4098, 0.4688,
0.0624

214.9342, 0.3484,

 0.0000, 0.5130,

0.2641

0.0000

260.9480, 0.3464,
0.2677

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.4360, 0.3742,
0.2185

■ 32.4360, 0.3742,
0.2185

■ 28.6488, 0.3872,
0.2096

■ 37.6997, 0.3618,
0.2314

■ 26.1753, 0.4003,
0.2054


■ 44.5772, 0.3502,
0.2471


■ 24.8154, 0.4130,
0.2063

■ 53.1910, 0.3399,
0.2646

■ 24.4582, 0.4182,
0.2078

■ 63.6516, 0.3308,
0.2829

 76.0601, 0.3229,
0.3012

 90.5106, 0.3162,
0.3189

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.



32.4360, 0.2527, 0.1755



32.4360, 0.3742, 0.2185



32.4360, 0.4951, 0.2819

Triad

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



32.4360, 0.3742, 0.2185



32.4360, 0.4356, 0.5187



32.4360, 0.1224, 0.2305

Complementary

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



32.4360, 0.3742, 0.2185



75.3811, 0.2840, 0.4835

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.



32.4360, 0.1517, 0.3457



32.4360, 0.3742, 0.2185



32.4360, 0.3302, 0.5628

Square

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



32.4360, 0.3742, 0.2185



32.4360, 0.5191, 0.4354



32.4360, 0.2258, 0.4946



32.4360, 0.1296, 0.1743

Rectangle

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



32.4360, 0.3742, 0.2185



32.4360, 0.5411, 0.3299



32.4360, 0.2258, 0.4946



32.4360, 0.1276, 0.2618

Sweetspot

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



32.4364, 0.3742, 0.2185



70.7085, 0.3260, 0.2937



19.3887, 0.2153, 0.1311



14.3945, 0.3282, 0.2885



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.



32.4364, 0.3742, 0.2185



27.7451, 0.3913, 0.2077



29.4471, 0.4874, 0.2986



18.2009, 0.3185, 0.3126



12.8078, 0.4162, 0.2066



1.2665, 0.4026, 0.1992

Inverse Universe

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



32.4364, 0.3742, 0.2185



27.7451, 0.3913, 0.2077



78.7881, 0.2482, 0.3704



18.2009, 0.3185, 0.3126



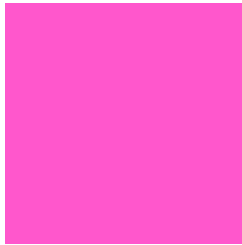
12.8078, 0.4162, 0.2066



1.2665, 0.4026, 0.1992

Previews

White Background



This preview shows how the Yxy color 32.4360, 0.3742, 0.2185 looks on a white background.

Color Contrast Check

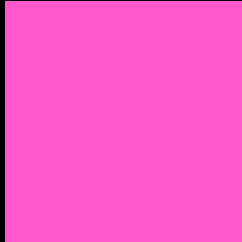
Large Text (above 18pt) WCAG AA × Fail

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 32.4360, 0.3742, 0.2185 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 32.4360, 0.3742, 0.2185

Background



This preview shows how black text looks on a background with the Yxy color 32.4360, 0.3742, 0.2185.

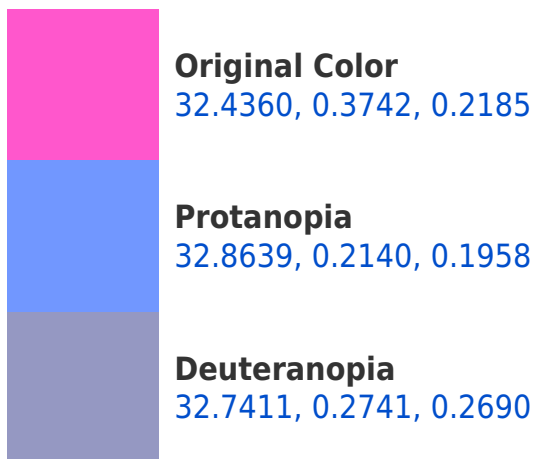


This preview shows how white text looks on a background with the Yxy color 32.4360, 0.3742, 0.2185.

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

32.2340, 0.4706, 0.3213

Trichromacy



Original Color

32.4360, 0.3742, 0.2185



Protanomaly

29.4938, 0.2543, 0.1955



Deuteranomaly

30.2069, 0.3066, 0.2396



Tritanomaly

31.9967, 0.4367, 0.2817

Monochromacy



Original Color

32.4360, 0.3742, 0.2185



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

29.1594, 0.3365, 0.2728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4360, 0.3742, 0.2185 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, 87, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 204)  
}
```

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, 87, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 204) }
```

Border

The CSS property to change the border of an element to Yxy 32.4360, 0.3742, 0.2185 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, 87, 204) }
```

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

```
.border{ border-color:rgb(255, 87, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 87, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4360, 0.3742, 0.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 204) }
```

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

```
.background{ background-color: rgb(255, 87,  
204) }
```

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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