

Converting Colors

Yxy(32.2468, 0.3823, 0.2466)

Have a look what the booklet for
Yxy(32.2468, 0.3823, 0.2466)
contains.

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Color

Yxy(32.2228, 0.3822, 0.2469)

Conversions

Conversions Part 1

Format	Color
Hex	F169B7
RGB	241, 105, 183
RGB Percent	95%, 41%, 72%
CMY	0.0548, 0.5883, 0.2822
CMYK	0.00, 0.56, 0.24, 0.05
HSL	326°, 83%, 68%
HSV	326°, 56%, 95%
XYZ	49.8807, 32.2228, 48.4060
YIQ	154.5560, 56.0180, 53.0900

Conversions

Conversions Part 2

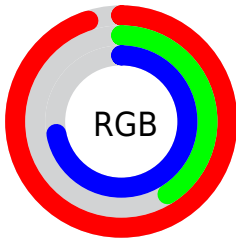
Format	Color
R _Y B	241, 105, 183
Decimal	15821239
CIE _{Lab}	63.53, 60.52, -15.53
CIE _{LCh}	64, 62.479, 345.609
Yxy	32.2228, 0.3822, 0.2469
Android (android.graphics.Color)	4294011319 (0xFFFF169B7)
YUV	154.5560, 14.0229, 75.8114
Hunter-Lab	56.7651, 57.5128, -10.8235

Details

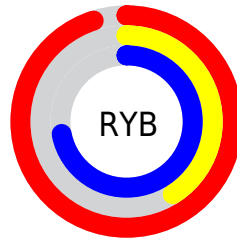
The Yxy color **32.2228, 0.3822, 0.2469** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **68.5660, 0.2778, 0.4339**, and the grayscale version is **32.4904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9817, 0.3301, 0.2514**, and **13.5898, 0.4030, 0.2250** is the 20% darker color. If you saturate the color by 10%, you get **27.5792, 0.4009, 0.2366**, and if you desaturate by 10%, it is **38.2915, 0.3653, 0.2600**.

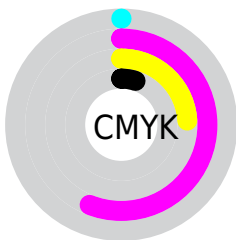
Distribution



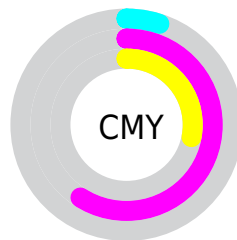
- Red (95%)
- Green (41%)
- Blue (72%)



- Red (95%)
- Yellow (41%)
- Blue (72%)



- Cyan (0%)
- Magenta (56%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (59%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2228, 0.3822, 0.2469 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 32.2228, 0.3822, 0.2469 by changing the saturation by 10% instead.


 32.2228, 0.3822,
0.2469


 32.2228, 0.3822,
0.2469


312.1329, 0.3469,
0.2875


 21.5317, 0.3911,
0.2370


 63.1602, 0.3693,
0.2615


 13.5132, 0.4027,
0.2244


 84.1753, 0.3645,
0.2670

 7.7829, 0.4181,
0.2080


 109.4006, 0.3604,
0.2717

 3.9563, 0.4396,
0.1858

 139.2204, 0.3569,
0.2758

 1.6492, 0.4717,
0.1545

174.0192, 0.3539,
0.2793

 0.3904, 0.5339,
0.0905

214.1812, 0.3513,

 0.0000, 0.7228,

0.2823


0.0000


260.0910, 0.3490,
0.2851


 0.0000, 0.0000,
0.0000


 32.2228, 0.3822,
0.2469


 32.2228, 0.3822,
0.2469


 27.5792, 0.4009,
0.2366


 38.2915, 0.3653,
0.2600


 24.2344, 0.4208,
0.2302

 45.8881, 0.3505,
0.2747


 22.0476, 0.4411,
0.2288

 55.1111, 0.3377,
0.2900

 20.8408, 0.4609,
0.2328

 66.0496, 0.3268,
0.3052

 20.5465, 0.4679,
0.2351

 78.7861, 0.3177,
0.3199

■ 93.3977, 0.3102,
0.3339

■ 97.4402, 0.3042,
0.3290

■ 97.4436, 0.3042,
0.3290

Harmonies

Analogous

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



32.2228, 0.2818, 0.2054



32.2228, 0.3822, 0.2469



32.2228, 0.4708, 0.3049

Triad

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



32.2228, 0.3822, 0.2469



32.2228, 0.4067, 0.4976



32.2228, 0.1515, 0.2399

Complementary

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



32.2228, 0.3822, 0.2469



68.5660, 0.2778, 0.4339

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.



32.2228, 0.1733, 0.3254



32.2228, 0.3822, 0.2469



32.2228, 0.3175, 0.5077

Square

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



32.2228, 0.3822, 0.2469



32.2228, 0.4771, 0.4395



32.2228, 0.2318, 0.4367



32.2228, 0.1626, 0.1966

Rectangle

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



32.2228, 0.3822, 0.2469



32.2228, 0.5012, 0.3484



32.2228, 0.2318, 0.4367



32.2228, 0.1549, 0.2636

Sweetspot

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



32.2244, 0.3822, 0.2469



74.2586, 0.3274, 0.3043



24.0990, 0.2452, 0.1652



15.3289, 0.3295, 0.3012



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.



32.2244, 0.3822, 0.2469



30.5740, 0.4043, 0.2351



30.0728, 0.4701, 0.3177



15.9109, 0.3203, 0.3155



11.1678, 0.4648, 0.2334



0.9489, 0.4406, 0.2201

Inverse Universe

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



32.2244, 0.3822, 0.2469



30.5740, 0.4043, 0.2351



71.6178, 0.2467, 0.3429



15.9109, 0.3203, 0.3155



11.1678, 0.4648, 0.2334



0.9489, 0.4406, 0.2201

Previews

White Background



This preview shows how the Yxy color 32.2228, 0.3822, 0.2469 looks on a white background.

Color Contrast Check

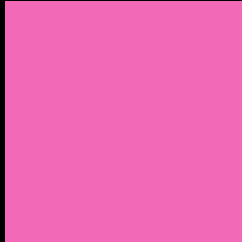
Large Text (above 18pt) WCAG AA × Fail

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 32.2228, 0.3822, 0.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

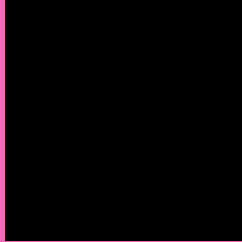
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2228, 0.3822, 0.2469

Background



This preview shows how black text looks on a background with the Yxy color 32.2228, 0.3822, 0.2469.



This preview shows how white text looks on a background with the Yxy color 32.2228, 0.3822, 0.2469.

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

32.2228, 0.3822, 0.2469

Protanopia

32.5346, 0.2464, 0.2387

Deuteranopia

32.3182, 0.2979, 0.2913



Tritanopia

32.2961, 0.4451, 0.3206

Trichromacy



Original Color

32.2228, 0.3822, 0.2469



Protanomaly

30.6200, 0.2856, 0.2369



Deuteranomaly

31.1237, 0.3261, 0.2696



Tritanomaly

32.0940, 0.4226, 0.2921

Monochromacy



Original Color

32.2228, 0.3822, 0.2469



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

31.0470, 0.3372, 0.2909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2228, 0.3822, 0.2469 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(241, 105, 183)` looks like.

```
.text, #text, p{  
    color:rgb(241, 105, 183)  
}
```

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(241, 105, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 105, 183) }
```

Border

The CSS property to change the border of an element to Yxy 32.2228, 0.3822, 0.2469 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(241, 105, 183) }
```

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

```
.border{ border-color:rgb(241, 105, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 105, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 105, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 105, 183);  
box-shadow:4px 4px 4px 4px rgb(241, 105,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2228, 0.3822, 0.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 105, 183) }
```

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

```
.background{ background-color: rgb(241,  
105, 183) }
```

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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