

Converting Colors

$Y_{xy}(30.5186, 0.4103, 0.2399)$

Have a look what the booklet for
Yxy(30.5186, 0.4103, 0.2399)
contains.

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Color

Yxy(30.4689, 0.4097, 0.2392)

Conversions

Conversions Part 1

Format	Color
Hex	FF52B1
RGB	255, 82, 177
RGB Percent	100%, 32%, 69%
CMY	0.0001, 0.6783, 0.3059
CMYK	0.00, 0.68, 0.31, 0.00
HSL	327°, 100%, 66%
HSV	327°, 68%, 100%
XYZ	52.1869, 30.4689, 44.7225
YIQ	144.5570, 72.6130, 66.2210

Conversions

Conversions Part 2

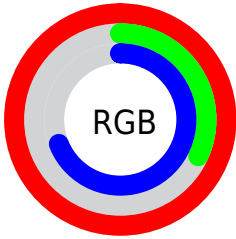
Format	Color
R_{YB}	255, 82, 177
Decimal	16732849
CIE _{Lab}	62.06, 72.98, -14.09
CIE _{LCh}	62, 74.324, 349.074
Yxy	30.4689, 0.4097, 0.2392
Android (android.graphics.Color)	4294922929 (0xFFFF52B1)
YUV	144.5570, 15.9944, 96.8585
Hunter-Lab	55.1986, 72.1631, -9.3984

Details

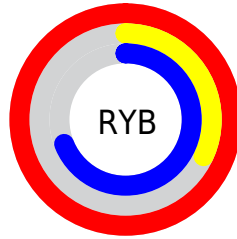
The Yxy color **30.4689, 0.4097, 0.2392** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **75.8411, 0.2731, 0.4543**, and the grayscale version is **28.0446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4892, 0.3370, 0.2388**, and **12.9246, 0.4387, 0.2190** is the 20% darker color. If you saturate the color by 10%, you get **26.8718, 0.4313, 0.2341**, and if you desaturate by 10%, it is **35.5357, 0.3894, 0.2485**.

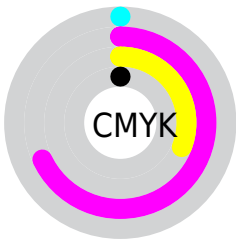
Distribution



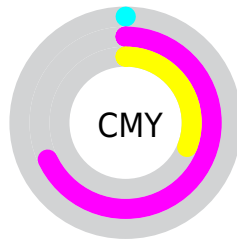
- Red (100%)
- Green (32%)
- Blue (69%)



- Red (100%)
- Yellow (32%)
- Blue (69%)



- Cyan (0%)
- Magenta (68%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4689, 0.4097, 0.2392 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 30.4689, 0.4097, 0.2392 by changing the saturation by 10% instead.


 30.4689, 0.4097,
0.2392


 30.4689, 0.4097,
0.2392


304.0840, 0.3598,
0.2838

 20.1948, 0.4225,
0.2283


 60.4029, 0.3913,
0.2553

 12.5367, 0.4391,
0.2144


 80.8316, 0.3845,
0.2614

 7.1103, 0.4614,
0.1963

 105.4139, 0.3787,
0.2665

 3.5312, 0.4927,
0.1719

 134.5343, 0.3738,
0.2710

 1.4149, 0.5395,
0.1377

168.5771, 0.3696,
0.2748

 0.2277, 0.6370,
0.0556

207.9267, 0.3659,

 0.0000, 0.9719,

0.2782

0.0000

252.9676, 0.3627,
0.2812

0.0000, 0.0000,
0.0000

30.4689, 0.4097,
0.2392

30.4689, 0.4097,
0.2392

26.8718, 0.4313,
0.2341

35.5357, 0.3894,
0.2485

24.5713, 0.4532,
0.2342

42.2101, 0.3709,
0.2608

23.3445, 0.4744,
0.2396

50.6193, 0.3548,
0.2747

23.1495, 0.4789,
0.2412

60.8764, 0.3408,
0.2894

73.0847, 0.3291,
0.3041

 87.3401, 0.3192,
0.3184

99.9961, 0.3127,
0.3290

Harmonies

Analogous

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



30.4689, 0.2871, 0.1901



30.4689, 0.4097, 0.2392



30.4689, 0.5121, 0.3051

Triad

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



30.4689, 0.4097, 0.2392



30.4689, 0.4042, 0.5325



30.4689, 0.1267, 0.2130

Complementary

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



30.4689, 0.4097, 0.2392



75.8411, 0.2731, 0.4543

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.



30.4689, 0.1443, 0.3066



30.4689, 0.4097, 0.2392



30.4689, 0.2999, 0.5457

Square

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



30.4689, 0.4097, 0.2392



30.4689, 0.4932, 0.4588



30.4689, 0.2040, 0.4469



30.4689, 0.1434, 0.1715

Rectangle

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



30.4689, 0.4097, 0.2392



30.4689, 0.5400, 0.3534



30.4689, 0.2040, 0.4469



30.4689, 0.1284, 0.2376

Sweetspot

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



30.4705, 0.4097, 0.2392



70.2721, 0.3315, 0.3009



20.7183, 0.2323, 0.1354



14.2896, 0.3347, 0.2968



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.



30.4705, 0.4097, 0.2392



26.0146, 0.4383, 0.2335



28.0463, 0.5303, 0.3224



18.1540, 0.3208, 0.3160



12.1289, 0.4756, 0.2394



1.2030, 0.4531, 0.2270

Inverse Universe

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



30.4705, 0.4097, 0.2392



26.0146, 0.4383, 0.2335



79.9765, 0.2371, 0.3391



18.1540, 0.3208, 0.3160



12.1289, 0.4756, 0.2394



1.2030, 0.4531, 0.2270

Previews

White Background



This preview shows how the Yxy color 30.4689, 0.4097, 0.2392 looks on a white background.

Color Contrast Check

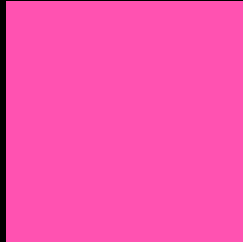
Large Text (above 18pt) WCAG AA × Fail

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 30.4689, 0.4097, 0.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

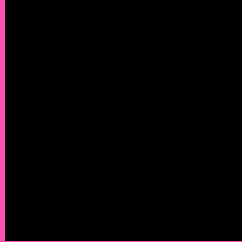
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4689, 0.4097, 0.2392

Background



This preview shows how black text looks on a background with the Yxy color 30.4689, 0.4097, 0.2392.



This preview shows how white text looks on a background with the Yxy color 30.4689, 0.4097, 0.2392.

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

30.4689, 0.4097, 0.2392

Protanopia

30.8675, 0.2357, 0.2248

Deuteranopia

30.5530, 0.3031, 0.2963



Tritanopia

30.2947, 0.4940, 0.3238

Trichromacy



Original Color

30.4689, 0.4097, 0.2392



Protanomaly

27.6422, 0.2832, 0.2214



Deuteranomaly

28.4436, 0.3405, 0.2659



Tritanomaly

30.0039, 0.4648, 0.2914

Monochromacy



Original Color

30.4689, 0.4097, 0.2392



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.6677, 0.3478, 0.2806

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4689, 0.4097, 0.2392 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, 82, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 177)  
}
```

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, 82, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 177) }
```

Border

The CSS property to change the border of an element to Yxy 30.4689, 0.4097, 0.2392 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, 82, 177) }
```

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

```
.border{ border-color:rgb(255, 82, 177) }
```

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

Here you see how a box with a 4 pixel rgb(255, 82, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4689, 0.4097, 0.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 177) }
```

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

```
.background{ background-color: rgb(255, 82,  
177) }
```

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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