

Converting Colors

Yxy(29.8887, 0.4043, 0.2349)

Have a look what the booklet for
Yxy(29.8887, 0.4043, 0.2349)
contains.

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Color

Yxy(30.0222, 0.4051, 0.2358)

Conversions

Conversions Part 1

Format	Color
Hex	FD51B3
RGB	253, 81, 179
RGB Percent	99%, 32%, 70%
CMY	0.0080, 0.6821, 0.2981
CMYK	0.00, 0.68, 0.29, 0.01
HSL	326°, 98%, 65%
HSV	326°, 68%, 99%
XYZ	51.5776, 30.0222, 45.7208
YIQ	143.6000, 71.0540, 66.9420

Conversions

Conversions Part 2

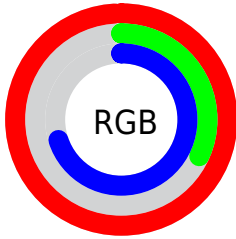
Format	Color
R _Y B	253, 81, 179
Decimal	16601523
CIE Lab	61.67, 73.03, -15.85
CIE LCh	62, 74.729, 347.757
Yxy	30.0222, 0.4051, 0.2358
Android (android.graphics.Color)	4294791603 (0xFFFD51B3)
YUV	143.6000, 17.4522, 95.9438
Hunter-Lab	54.7925, 72.1396, -11.1189

Details

The Yxy color **30.0222, 0.4051, 0.2358** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **74.3488, 0.2746, 0.4595**, and the grayscale version is **27.6365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3079, 0.3353, 0.2361**, and **12.7128, 0.4318, 0.2152** is the 20% darker color. If you saturate the color by 10%, you get **26.5125, 0.4254, 0.2303**, and if you desaturate by 10%, it is **34.9694, 0.3859, 0.2455**.

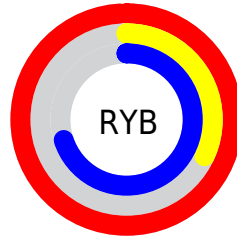
Distribution



Red (99%)

Green (32%)

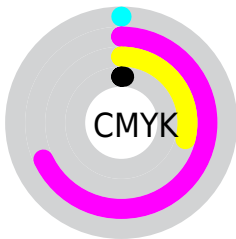
Blue (70%)



Red (99%)

Yellow (32%)

Blue (70%)

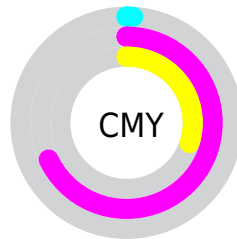


Cyan (0%)

Magenta (68%)

Yellow (29%)

Black (1%)



Cyan (1%)


Magenta (68%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0222, 0.4051, 0.2358 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 30.0222, 0.4051, 0.2358 by changing the saturation by 10% instead.

 30.0222, 0.4051,
0.2358

 30.0222, 0.4051,
0.2358


302.0079, 0.3577,
0.2820


 19.8554, 0.4172,
0.2245


 59.6973, 0.3877,
0.2524

 12.2900, 0.4329,
0.2103


 79.9744, 0.3812,
0.2587

 6.9415, 0.4539,
0.1918


 104.3904, 0.3757,
0.2640

 3.4255, 0.4833,
0.1669

 133.3297, 0.3711,
0.2686

 1.3577, 0.5271,
0.1323

167.1768, 0.3670,
0.2726

 0.1853, 0.6216,
0.0456

206.3159, 0.3635,

 0.0000, 0.8971,

0.2761

0.0000

251.1314, 0.3605,
0.2792

■ 0.0000, 0.0000,
0.0000

■ 30.0222, 0.4051,
0.2358

■ 30.0222, 0.4051,
0.2358

■ 26.5125, 0.4254,
0.2303

■ 34.9694, 0.3859,
0.2455

■ 24.2705, 0.4460,
0.2299

■ 41.4895, 0.3685,
0.2582


■ 23.0744, 0.4660,
0.2349

■ 49.7073, 0.3531,
0.2726

■ 22.8936, 0.4700,
0.2363

■ 59.7337, 0.3398,
0.2878

■ 71.6702, 0.3285,
0.3030

 85.6106, 0.3191,
0.3178

99.6164, 0.3115,
0.3290

Harmonies

Analogous

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



30.0222, 0.2819, 0.1874



30.0222, 0.4051, 0.2358



30.0222, 0.5109, 0.3015

Triad

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



30.0222, 0.4051, 0.2358



30.0222, 0.4089, 0.5315



30.0222, 0.1253, 0.2148

Complementary

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



30.0222, 0.4051, 0.2358



74.3488, 0.2746, 0.4595

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.



30.0222, 0.1446, 0.3116



30.0222, 0.4051, 0.2358



30.0222, 0.3040, 0.5499

Square

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



30.0222, 0.4051, 0.2358



30.0222, 0.4976, 0.4557



30.0222, 0.2064, 0.4544



30.0222, 0.1407, 0.1712

Rectangle

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



30.0222, 0.4051, 0.2358



30.0222, 0.5415, 0.3499



30.0222, 0.2064, 0.4544



30.0222, 0.1276, 0.2404

Sweetspot

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



30.0238, 0.4051, 0.2358



70.3321, 0.3307, 0.2999



19.7243, 0.2274, 0.1329



14.3039, 0.3338, 0.2956



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.



30.0238, 0.4051, 0.2358



25.9237, 0.4338, 0.2295



27.6025, 0.5234, 0.3174



18.1605, 0.3204, 0.3155



12.2120, 0.4670, 0.2346



1.2110, 0.4457, 0.2229

Inverse Universe

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



30.0238, 0.4051, 0.2358



25.9237, 0.4338, 0.2295



78.1921, 0.2393, 0.3462



18.1605, 0.3204, 0.3155



12.2120, 0.4670, 0.2346



1.2110, 0.4457, 0.2229

Previews

White Background



This preview shows how the Yxy color 30.0222, 0.4051, 0.2358 looks on a white background.

Color Contrast Check

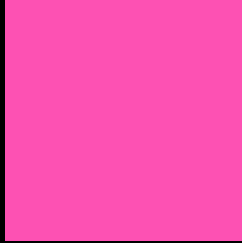
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0222, 0.4051, 0.2358 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 30.0222, 0.4051, 0.2358

Background



This preview shows how black text looks on a background with the Yxy color 30.0222, 0.4051, 0.2358.



This preview shows how white text looks on a background with the Yxy color 30.0222, 0.4051, 0.2358.

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

30.0222, 0.4051, 0.2358

Protanopia

30.4960, 0.2319, 0.2197

Deuteranopia

30.0231, 0.2983, 0.2917



Tritanopia

29.9291, 0.4923, 0.3237

Trichromacy



Original Color

30.0222, 0.4051, 0.2358



Protanomaly

27.3154, 0.2786, 0.2164



Deuteranomaly

27.8833, 0.3351, 0.2614



Tritanomaly

29.6619, 0.4615, 0.2899

Monochromacy



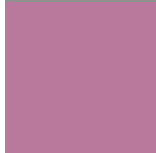
Original Color

30.0222, 0.4051, 0.2358



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.2994, 0.3469, 0.2791

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0222, 0.4051, 0.2358 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(253, 81, 179)` looks like.

```
.text, #text, p{  
    color:rgb(253, 81, 179)  
}
```

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(253, 81, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 81, 179) }
```

Border

The CSS property to change the border of an element to Yxy 30.0222, 0.4051, 0.2358 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(253, 81, 179) }
```

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

```
.border{ border-color:rgb(253, 81, 179) }
```

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

Here you see how a box with a 4 pixel rgb(253, 81, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 81, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 81, 179);  
box-shadow:4px 4px 4px 4px rgb(253, 81,  
179) }
```


Background

The CSS property to change the background color of an element to `rgb(30.0222, 0.4051, 0.2358)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 81, 179) }
```

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

```
.background{ background-color: rgb(253, 81,  
179) }
```

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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