

Converting Colors

$Y_{xy}(30.2121, 0.4299, 0.2550)$

Have a look what the booklet for
Yxy(30.2121, 0.4299, 0.2550)
contains.

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Color

Yxy(30.2093, 0.4299, 0.2550)

Conversions

Conversions Part 1

Format	Color
Hex	FF54A2
RGB	255, 84, 162
RGB Percent	100%, 33%, 64%
CMY	0.0000, 0.6705, 0.3647
CMYK	0.00, 0.67, 0.36, 0.00
HSL	333°, 100%, 66%
HSV	333°, 67%, 100%
XYZ	50.9293, 30.2093, 37.3292
YIQ	144.0210, 76.8780, 60.5100

Conversions

Conversions Part 2

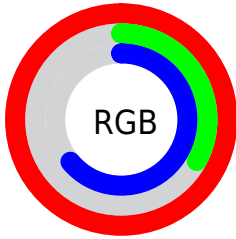
Format	Color
R _Y B	255, 84, 162
Decimal	16733346
CIE Lab	61.83, 70.62, -5.78
CIE LCh	62, 70.856, 355.320
Yxy	30.2093, 0.4299, 0.2550
Android (android.graphics.Color)	4294923426 (0xFFFF54A2)
YUV	144.0210, 8.8636, 97.3286
Hunter-Lab	54.9630, 69.2149, -1.7939

Details

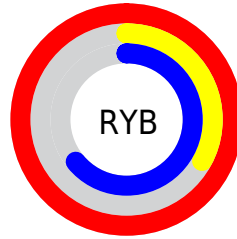
The Yxy color **30.2093, 0.4299, 0.2550** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **76.5745, 0.2663, 0.4306**, and the grayscale version is **27.8430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9147, 0.3520, 0.2542**, and **12.6170, 0.4661, 0.2341** is the 20% darker color. If you saturate the color by 10%, you get **26.4796, 0.4573, 0.2516**, and if you desaturate by 10%, it is **35.4364, 0.4044, 0.2625**.

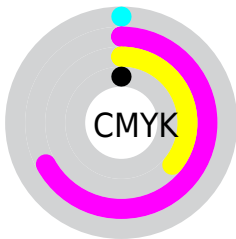
Distribution



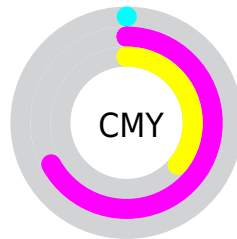
- Red (100%)
- Green (33%)
- Blue (64%)



- Red (100%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (67%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2093, 0.4299, 0.2550 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 30.2093, 0.4299, 0.2550 by changing the saturation by 10% instead.


 30.2093, 0.4299,
0.2550


 30.2093, 0.4299,
0.2550


302.8788, 0.3683,
0.2931


 19.9975, 0.4461,
0.2453


 59.9930, 0.4069,
0.2690

 12.3932, 0.4673,
0.2327


 80.3337, 0.3984,
0.2742

 7.0121, 0.4963,
0.2158


 104.8195, 0.3914,
0.2786

 3.4697, 0.5377,
0.1922

 133.8348, 0.3854,
0.2824

 1.3816, 0.6008,
0.1577

167.7640, 0.3802,
0.2856

 0.2031, 0.7465,
0.0621

206.9915, 0.3757,

 0.0000, 1.0000,

0.2884

0.0000

251.9016, 0.3718,
0.2909

0.0000, 0.0000,
0.0000

30.2093, 0.4299,
0.2550

30.2093, 0.4299,
0.2550

26.4796, 0.4573,
0.2516

35.4364, 0.4044,
0.2625

24.0758, 0.4851,
0.2533

42.2980, 0.3815,
0.2728

22.7872, 0.5115,
0.2606

50.9210, 0.3618,
0.2845

22.5262, 0.5190,
0.2633

61.4183, 0.3451,
0.2969

73.8932, 0.3311,
0.3092

 88.4417, 0.3196,
0.3211

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



30.2093, 0.3116, 0.2028



30.2093, 0.4299, 0.2550



30.2093, 0.5161, 0.3215

Triad

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



30.2093, 0.4299, 0.2550



30.2093, 0.3824, 0.5345



30.2093, 0.1332, 0.2058

Complementary

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



30.2093, 0.4299, 0.2550



76.5745, 0.2663, 0.4306

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.



30.2093, 0.1435, 0.2850



30.2093, 0.4299, 0.2550



30.2093, 0.2809, 0.5238

Square

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



30.2093, 0.4299, 0.2550



30.2093, 0.4728, 0.4725



30.2093, 0.1931, 0.4129



30.2093, 0.1563, 0.1732

Rectangle

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



30.2093, 0.4299, 0.2550



30.2093, 0.5323, 0.3697



30.2093, 0.1931, 0.4129



30.2093, 0.1328, 0.2262

Sweetspot

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



30.2109, 0.4299, 0.2550



70.0062, 0.3350, 0.3056



22.7012, 0.2456, 0.1432



14.2260, 0.3388, 0.3022



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.



30.2109, 0.4299, 0.2550



25.6426, 0.4655, 0.2515



29.1640, 0.5329, 0.3344



18.1249, 0.3222, 0.3182



11.8007, 0.5151, 0.2611



1.1707, 0.4873, 0.2458

Inverse Universe

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



30.2109, 0.4299, 0.2550



25.6426, 0.4655, 0.2515



77.0369, 0.2327, 0.3220



18.1249, 0.3222, 0.3182



11.8007, 0.5151, 0.2611



1.1707, 0.4873, 0.2458

Previews

White Background



This preview shows how the Yxy color 30.2093, 0.4299, 0.2550 looks on a white background.

Color Contrast Check

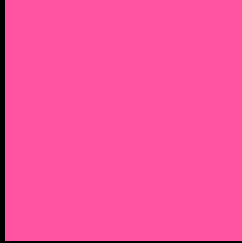
Large Text (above 18pt) WCAG AA × Fail

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 30.2093, 0.4299, 0.2550 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 30.2093, 0.4299, 0.2550

Background



This preview shows how black text looks on a background with the Yxy color 30.2093, 0.4299, 0.2550.



This preview shows how white text looks on a background with the Yxy color 30.2093, 0.4299, 0.2550.

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

30.2093, 0.4299, 0.2550

Protanopia

30.6078, 0.2540, 0.2482

Deuteranopia

30.2321, 0.3227, 0.3170



Tritanopia

30.2441, 0.4996, 0.3239

Trichromacy



Original Color

30.2093, 0.4299, 0.2550



Protanomaly

27.8063, 0.3050, 0.2432



Deuteranomaly

28.3020, 0.3615, 0.2854



Tritanomaly

30.0048, 0.4755, 0.2987

Monochromacy



Original Color

30.2093, 0.4299, 0.2550



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.3438, 0.3539, 0.2885

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2093, 0.4299, 0.2550 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, 84, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 162)  
}
```

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, 84, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 162) }
```

Border

The CSS property to change the border of an element to Yxy 30.2093, 0.4299, 0.2550 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, 84, 162) }
```

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

```
.border{ border-color:rgb(255, 84, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 84, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2093, 0.4299, 0.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 162) }
```

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

```
.background{ background-color: rgb(255, 84,  
162) }
```

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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