

Converting Colors

$Y_{xy}(24.1027, 0.4217, 0.2266)$

Have a look what the booklet for
Yxy(24.1027, 0.4217, 0.2266)
contains.

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Color

Yxy(24.1027, 0.4217, 0.2266)

Conversions

Conversions Part 1

Format	Color
Hex	F333A4
RGB	243, 51, 164
RGB Percent	95%, 20%, 64%
CMY	0.0469, 0.8002, 0.3569
CMYK	0.00, 0.79, 0.33, 0.05
HSL	325°, 89%, 58%
HSV	325°, 79%, 95%
XYZ	44.8548, 24.1027, 37.4092
YIQ	121.2900, 78.1590, 75.8470

Conversions

Conversions Part 2

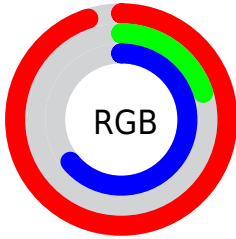
Format	Color
R _Y B	243, 51, 164
Decimal	15938468
CIE Lab	56.19, 78.11, -15.61
CIE LCh	56, 79.657, 348.698
Yxy	24.1027, 0.4217, 0.2266
Android (android.graphics.Color)	4294128548 (0xFFFF333A4)
YUV	121.2900, 21.0560, 106.7397
Hunter-Lab	49.0945, 77.1699, -10.8118

Details

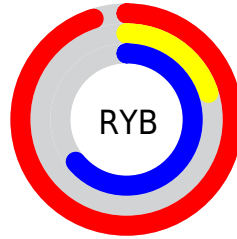
The Yxy color **24.1027, 0.4217, 0.2266** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **66.4342, 0.2757, 0.4890**, and the grayscale version is **19.1237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3313, 0.3533, 0.2297**, and **11.1149, 0.4476, 0.2239** is the 20% darker color. If you saturate the color by 10%, you get **22.1612, 0.4411, 0.2263**, and if you desaturate by 10%, it is **27.1830, 0.4025, 0.2321**.

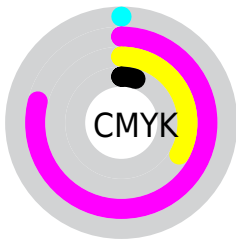
Distribution



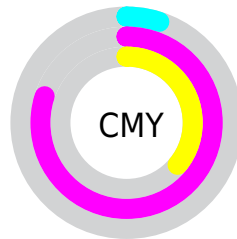
- Red (95%)
- Green (20%)
- Blue (64%)



- Red (95%)
- Yellow (20%)
- Blue (64%)



- Cyan (0%)
- Magenta (79%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (80%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1027, 0.4217, 0.2266 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 24.1027, 0.4217, 0.2266 by changing the saturation by 10% instead.


 24.1027, 0.4217,
0.2266


 24.1027, 0.4217,
0.2266


273.3393, 0.3640,
0.2787


 15.4098, 0.4370,
0.2135


 50.1977, 0.4000,
0.2457


 9.1075, 0.4572,
0.1967


 68.3687, 0.3921,
0.2528


 4.8114, 0.4848,
0.1746


 90.4678, 0.3855,
0.2588

 2.1370, 0.5245,
0.1445

 116.8794, 0.3799,
0.2640

 0.6853, 0.5864,
0.1007

 147.9880, 0.3751,
0.2684

 0.0000, 0.7284,
0.0000

184.1779, 0.3709,

 0.0000, 1.0000,

0.2723

0.0000

225.8335, 0.3673,
0.2757

■ 0.0000, 0.0000,
0.0000

■ 24.1027, 0.4217,
0.2266

■ 24.1027, 0.4217,
0.2266

■ 22.1612, 0.4411,
0.2263

■ 27.1830, 0.4025,
0.2321

■ 21.1249, 0.4599,
0.2311


■ 31.5506, 0.3843,
0.2418


■ 21.0446, 0.4617,
0.2317

■ 37.3357, 0.3676,
0.2546


■ 44.6511, 0.3528,
0.2693

■ 53.5983, 0.3399,
0.2849

 64.2702, 0.3290,
0.3006

 76.7523, 0.3197,
0.3158

 91.1246, 0.3120,
0.3304

 97.7359, 0.3059,
0.3300

Harmonies

Analogous

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



24.1027, 0.2804, 0.1741



24.1027, 0.4217, 0.2266



24.1027, 0.5410, 0.2967

Triad

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



24.1027, 0.4217, 0.2266



24.1027, 0.4080, 0.5551



24.1027, 0.1074, 0.1968

Complementary

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



24.1027, 0.4217, 0.2266



66.4342, 0.2757, 0.4890

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.



24.1027, 0.1245, 0.3013



24.1027, 0.4217, 0.2266



24.1027, 0.2928, 0.5846

Square

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



24.1027, 0.4217, 0.2266



24.1027, 0.5103, 0.4636



24.1027, 0.1877, 0.4700



24.1027, 0.1251, 0.1536

Rectangle

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



24.1027, 0.4217, 0.2266



24.1027, 0.5707, 0.3476



24.1027, 0.1877, 0.4700



24.1027, 0.1088, 0.2234

Sweetspot

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



24.1040, 0.4217, 0.2266



65.4576, 0.3342, 0.2927



13.4088, 0.2088, 0.1067



13.1280, 0.3383, 0.2871



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.



24.1040, 0.4217, 0.2266



23.9190, 0.4528, 0.2288



21.8679, 0.5682, 0.3164



16.6462, 0.3201, 0.3152



11.5741, 0.4588, 0.2301



1.0377, 0.4368, 0.2180

Inverse Universe

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



24.1040, 0.4217, 0.2266



23.9190, 0.4528, 0.2288



70.1951, 0.2360, 0.3536



16.6462, 0.3201, 0.3152



11.5741, 0.4588, 0.2301



1.0377, 0.4368, 0.2180

Previews

White Background



This preview shows how the Yxy color 24.1027, 0.4217, 0.2266 looks on a white background.

Color Contrast Check

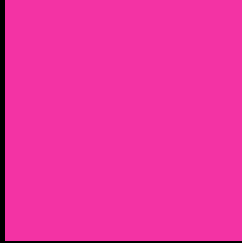
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1027, 0.4217, 0.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

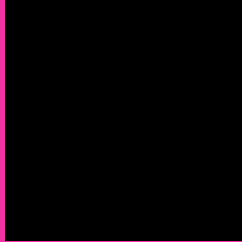
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1027, 0.4217, 0.2266

Background



This preview shows how black text looks on a background with the Yxy color 24.1027, 0.4217, 0.2266.



This preview shows how white text looks on a background with the Yxy color 24.1027, 0.4217, 0.2266.

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

24.1027, 0.4217, 0.2266

Protanopia

24.4323, 0.2164, 0.1991

Deuteranopia

24.3246, 0.2979, 0.2930



Tritanopia

24.0625, 0.5308, 0.3261

Trichromacy



Original Color

24.1027, 0.4217, 0.2266



Protanomaly

20.5460, 0.2665, 0.1940



Deuteranomaly

21.5162, 0.3404, 0.2513



Tritanomaly

23.6548, 0.4950, 0.2885

Monochromacy



Original Color

24.1027, 0.4217, 0.2266



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.1712, 0.3546, 0.2661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1027, 0.4217, 0.2266 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(243, 51, 164)` looks like.

```
.text, #text, p{  
    color:rgb(243, 51, 164)  
}
```

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(243, 51, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 51, 164) }
```

Border

The CSS property to change the border of an element to Yxy 24.1027, 0.4217, 0.2266 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(243, 51, 164) }
```

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

```
.border{ border-color:rgb(243, 51, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 51, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 51, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 51, 164);  
box-shadow:4px 4px 4px 4px rgb(243, 51,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1027, 0.4217, 0.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 51, 164) }
```

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

```
.background{ background-color: rgb(243, 51,  
164) }
```

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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