

Converting Colors

$Y_{xy}(24.2882, 0.4755, 0.2609)$

Have a look what the booklet for
Yxy(24.2882, 0.4755, 0.2609)
contains.

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Color

Yxy(24.2882, 0.4755, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	F83685
RGB	248, 54, 133
RGB Percent	97%, 21%, 52%
CMY	0.0274, 0.7882, 0.4785
CMYK	0.00, 0.78, 0.46, 0.03
HSL	336°, 93%, 59%
HSV	336°, 78%, 97%
XYZ	44.2662, 24.2882, 24.5396
YIQ	121.0120, 90.2650, 65.6970

Conversions

Conversions Part 2

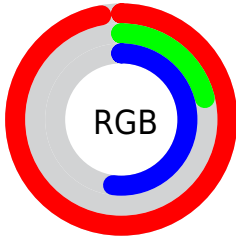
Format	Color
R_{YB}	248, 54, 133
Decimal	16266885
CIE Lab	56.38, 75.61, 3.07
CIE LCh	56, 75.668, 2.328
Yxy	24.2882, 0.4755, 0.2609
Android (android.graphics.Color)	4294456965 (0xFFFF83685)
YUV	121.0120, 5.9101, 111.3685
Hunter-Lab	49.2831, 74.0837, 4.9758

Details

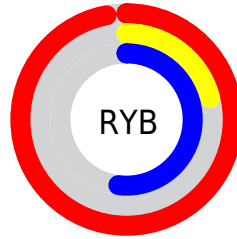
The Yxy color **24.2882, 0.4755, 0.2609** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **70.7910, 0.2608, 0.4369**, and the grayscale version is **19.0830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.9988, 0.3897, 0.2612**, and **10.9544, 0.5154, 0.2613** is the 20% darker color. If you saturate the color by 10%, you get **22.1615, 0.5061, 0.2642**, and if you desaturate by 10%, it is **27.6497, 0.4449, 0.2628**.

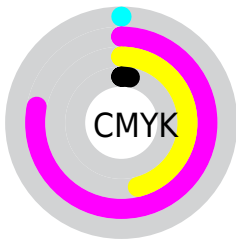
Distribution



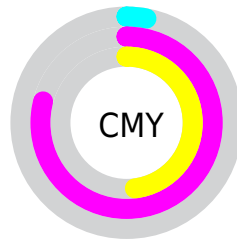
- Red (97%)
- Green (21%)
- Blue (52%)



- Red (97%)
- Yellow (21%)
- Blue (52%)



- Cyan (0%)
- Magenta (78%)
- Yellow (46%)
- Black (3%)





- Cyan (3%)
- Magenta (79%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2882, 0.4755, 0.2609 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 24.2882, 0.4755, 0.2609 by changing the saturation by 10% instead.


 24.2882, 0.4755,
0.2609


 24.2882, 0.4755,
0.2609


274.2743, 0.3864,
0.2988


 15.5475, 0.5001,
0.2502


 50.5001, 0.4413,
0.2756


 9.2046, 0.5329,
0.2357


 68.7401, 0.4290,
0.2809

 4.8749, 0.5786,
0.2153

 90.9154, 0.4188,
0.2852

 2.1740, 0.6448,
0.1851

 117.4103, 0.4103,
0.2888

 0.7058, 0.7546,
0.1375

 148.6093, 0.4030,
0.2919

 0.0000, 1.0000,
0.0000

184.8967, 0.3967,

 0.0000, 0.0000,

0.2945

0.0000

226.6569, 0.3912,
0.2968

■ 24.2882, 0.4755,
0.2609

■ 24.2882, 0.4755,
0.2609

■ 22.1615, 0.5061,
0.2642

■ 27.6497, 0.4449,
0.2628

■ 21.0447, 0.5345,
0.2728

■ 32.4014, 0.4162,
0.2688


■ 20.8974, 0.5393,
0.2745


■ 38.6799, 0.3906,
0.2776

■ 46.6041, 0.3685,
0.2880

■ 56.2814, 0.3498,
0.2990

 67.8096, 0.3343,
0.3101

 81.2795, 0.3215,
0.3207

 96.7758, 0.3110,
0.3307

 98.6984, 0.3084,
0.3290

Harmonies

Analogous

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



24.2882, 0.3411, 0.2002



24.2882, 0.4755, 0.2609



24.2882, 0.5545, 0.3335

Triad

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



24.2882, 0.4755, 0.2609



24.2882, 0.3574, 0.5705



24.2882, 0.1182, 0.1780

Complementary

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



24.2882, 0.4755, 0.2609



70.7910, 0.2608, 0.4369

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.



24.2882, 0.1192, 0.2496



24.2882, 0.4755, 0.2609



24.2882, 0.2469, 0.5365

Square

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



24.2882, 0.4755, 0.2609



24.2882, 0.4638, 0.5027



24.2882, 0.1599, 0.3869



24.2882, 0.1509, 0.1541

Rectangle

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



24.2882, 0.4755, 0.2609



24.2882, 0.5551, 0.3858



24.2882, 0.1599, 0.3869



24.2882, 0.1148, 0.1954

Sweetspot

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



24.2896, 0.4755, 0.2609



66.0773, 0.3414, 0.3048



17.6504, 0.2406, 0.1240



13.2178, 0.3471, 0.3008



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.



24.2896, 0.4755, 0.2609



22.7999, 0.5232, 0.2687



24.6258, 0.5755, 0.3408



17.3424, 0.3230, 0.3194



11.3138, 0.5353, 0.2722



1.0683, 0.5040, 0.2550

Inverse Universe

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



24.2896, 0.4755, 0.2609



22.7999, 0.5232, 0.2687



65.1870, 0.2237, 0.3084



17.3424, 0.3230, 0.3194



11.3138, 0.5353, 0.2722



1.0683, 0.5040, 0.2550

Previews

White Background



This preview shows how the Yxy color 24.2882, 0.4755, 0.2609 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 24.2882, 0.4755, 0.2609 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 24.2882, 0.4755, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 24.2882, 0.4755, 0.2609.



This preview shows how white text looks on a background with the Yxy color 24.2882, 0.4755, 0.2609.

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

24.2882, 0.4755, 0.2609

Protanopia

24.5158, 0.2602, 0.2569

Deuteranopia

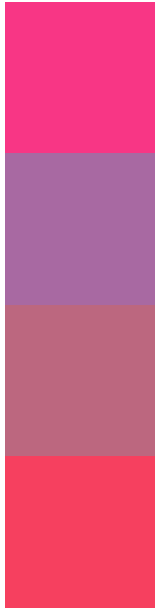
24.4601, 0.3465, 0.3405



Tritanopia

24.2872, 0.5524, 0.3266

Trichromacy



Original Color

24.2882, 0.4755, 0.2609

Protanomaly

21.0366, 0.3241, 0.2459

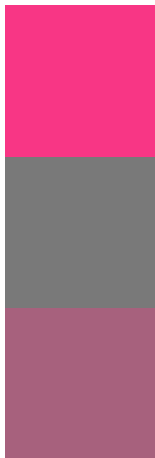
Deuteranomaly

21.9242, 0.3970, 0.2959

Tritanomaly

24.0858, 0.5287, 0.3039

Monochromacy



Original Color

24.2882, 0.4755, 0.2609

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2455, 0.3747, 0.2859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2882, 0.4755, 0.2609 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(248, 54, 133)` looks like.

```
.text, #text, p{  
    color:rgb(248, 54, 133)  
}
```

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(248, 54, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 54, 133) }
```

Border

The CSS property to change the border of an element to Yxy 24.2882, 0.4755, 0.2609 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(248, 54, 133) }
```

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

```
.border{ border-color:rgb(248, 54, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 54, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 54, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 54, 133);  
box-shadow:4px 4px 4px 4px rgb(248, 54,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2882, 0.4755, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 54, 133) }
```

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

```
.background{ background-color: rgb(248, 54,  
133) }
```

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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