

Converting Colors

$Y_{xy}(24.5599, 0.4820, 0.2741)$

Have a look what the booklet for
Yxy(24.5599, 0.4820, 0.2741)
contains.

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Color

Yxy(24.5599, 0.4820, 0.2741)

Conversions

Conversions Part 1

Format	Color
Hex	F5407D
RGB	245, 64, 125
RGB Percent	96%, 25%, 49%
CMY	0.0392, 0.7489, 0.5099
CMYK	0.00, 0.74, 0.49, 0.04
HSL	340°, 90%, 61%
HSV	340°, 74%, 96%
XYZ	43.1881, 24.5599, 21.8539
YIQ	125.0730, 88.2950, 57.3430

Conversions

Conversions Part 2

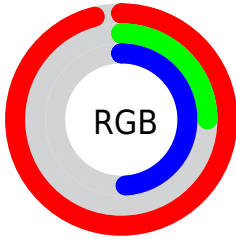
Format	Color
R_{YB}	245, 64, 125
Decimal	16072829
CIE _{Lab}	56.64, 71.27, 8.15
CIE _{LCh}	57, 71.739, 6.523
Yxy	24.5599, 0.4820, 0.2741
Android (android.graphics.Color)	4294262909 (0xFFFF5407D)
YUV	125.0730, -0.0360, 105.1760
Hunter-Lab	49.5579, 68.8306, 8.5450

Details

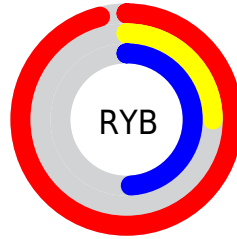
The Yxy color **24.5599, 0.4820, 0.2741** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle washed rose. A complement of this color would be **69.8560, 0.2557, 0.4113**, and the grayscale version is **20.5154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3560, 0.3983, 0.2768**, and **10.6031, 0.5291, 0.2688** is the 20% darker color. If you saturate the color by 10%, you get **21.9956, 0.5168, 0.2763**, and if you desaturate by 10%, it is **28.4074, 0.4478, 0.2764**.

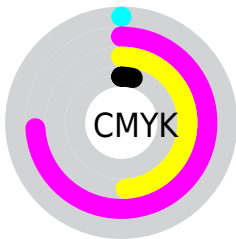
Distribution



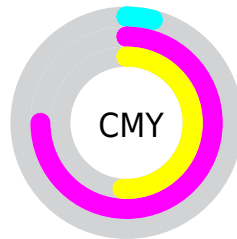
- Red (96%)
- Green (25%)
- Blue (49%)



- Red (96%)
- Yellow (25%)
- Blue (49%)



- Cyan (0%)
- Magenta (74%)
- Yellow (49%)
- Black (4%)





- Cyan (4%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5599, 0.4820, 0.2741 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 24.5599, 0.4820, 0.2741 by changing the saturation by 10% instead.


 24.5599, 0.4820,
0.2741


 24.5599, 0.4820,
0.2741


275.6391, 0.3889,
0.3060


 15.7495, 0.5078,
0.2646


 50.9423, 0.4462,
0.2868


 9.3470, 0.5422,
0.2514


 69.2832, 0.4334,
0.2913


 4.9682, 0.5900,
0.2322

 91.5695, 0.4227,
0.2949

 2.2286, 0.6591,
0.2028

 118.1859, 0.4138,
0.2979

 0.7355, 0.7912,
0.1589

 149.5167, 0.4062,
0.3004

 0.0000, 1.0000,
0.0000

185.9462, 0.3996,

 0.0000, 0.0000,

0.3026

0.0000

227.8588, 0.3939,
0.3044

■ 24.5599, 0.4820,
0.2741

■ 24.5599, 0.4820,
0.2741

■ 21.9956, 0.5168,
0.2763

■ 28.4074, 0.4478,
0.2764

■ 20.5349, 0.5493,
0.2836


■ 33.6781, 0.4163,
0.2822

■ 20.0283, 0.5672,
0.2898

■ 40.4979, 0.3888,
0.2900


■ 48.9776, 0.3654,
0.2989

■ 59.2180, 0.3460,
0.3082

 71.3115, 0.3301,
0.3172

 85.3443, 0.3171,
0.3258

 98.1492, 0.3066,
0.3290

 98.1516, 0.3066,
0.3290

Harmonies

Analogous

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



24.5599, 0.3583, 0.2127



24.5599, 0.4820, 0.2741



24.5599, 0.5461, 0.3460

Triad

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



24.5599, 0.4820, 0.2741



24.5599, 0.3433, 0.5607



24.5599, 0.1279, 0.1793

Complementary

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



24.5599, 0.4820, 0.2741



69.8560, 0.2557, 0.4113

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.



24.5599, 0.1246, 0.2415



24.5599, 0.4820, 0.2741



24.5599, 0.2379, 0.5079

Square

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



24.5599, 0.4820, 0.2741



24.5599, 0.4468, 0.5088



24.5599, 0.1591, 0.3632



24.5599, 0.1647, 0.1604

Rectangle

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



24.5599, 0.4820, 0.2741



24.5599, 0.5404, 0.3979



24.5599, 0.1591, 0.3632



24.5599, 0.1231, 0.1943

Sweetspot

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



24.5613, 0.4820, 0.2741



67.1118, 0.3429, 0.3098



20.1656, 0.2570, 0.1381



13.6488, 0.3476, 0.3073



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.



24.5613, 0.4820, 0.2741



23.1019, 0.5346, 0.2796



27.2939, 0.5461, 0.3521



16.5746, 0.3241, 0.3211



10.8132, 0.5629, 0.2875



0.9688, 0.5279, 0.2682

Inverse Universe

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



24.5613, 0.4820, 0.2741



23.1019, 0.5346, 0.2796



57.7483, 0.2219, 0.2937



16.5746, 0.3241, 0.3211



10.8132, 0.5629, 0.2875



0.9688, 0.5279, 0.2682

Previews

White Background



This preview shows how the Yxy color 24.5599, 0.4820, 0.2741 looks on a white background.

Color Contrast Check

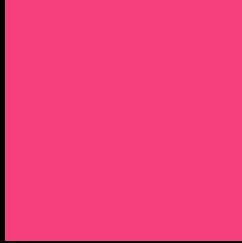
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5599, 0.4820, 0.2741 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 24.5599, 0.4820, 0.2741

Background



This preview shows how black text looks on a background with the Yxy color 24.5599, 0.4820, 0.2741.



This preview shows how white text looks on a background with the Yxy color 24.5599, 0.4820, 0.2741.

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

24.5599, 0.4820, 0.2741

Protanopia

24.7541, 0.2794, 0.2815

Deuteranopia

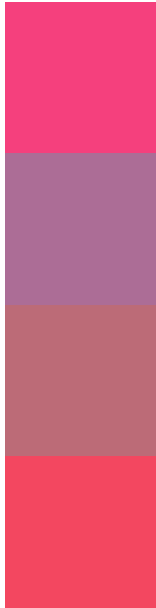
24.5615, 0.3595, 0.3535



Tritanopia

24.4739, 0.5406, 0.3263

Trichromacy



Original Color

24.5599, 0.4820, 0.2741

Protanomaly

21.9099, 0.3434, 0.2688

Deuteranomaly

22.5387, 0.4066, 0.3125

Tritanomaly

24.4057, 0.5209, 0.3076

Monochromacy



Original Color

24.5599, 0.4820, 0.2741

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.6162, 0.3752, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5599, 0.4820, 0.2741 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(245, 64, 125)` looks like.

```
.text, #text, p{  
    color:rgb(245, 64, 125)  
}
```

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(245, 64, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 64, 125) }
```

Border

The CSS property to change the border of an element to Yxy 24.5599, 0.4820, 0.2741 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(245, 64, 125) }
```

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

```
.border{ border-color:rgb(245, 64, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 64, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 64, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 64, 125);  
box-shadow:4px 4px 4px 4px rgb(245, 64,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5599, 0.4820, 0.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 64, 125) }
```

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

```
.background{ background-color: rgb(245, 64,  
125) }
```

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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