

Converting Colors

$Yxy(24.4848, 0.4641, 0.2758)$

Have a look what the booklet for
Yxy(24.4848, 0.4641, 0.2758)
contains.

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Color

Yxy(24.5952, 0.4649, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	ED4B80
RGB	237, 75, 128
RGB Percent	93%, 29%, 50%
CMY	0.0706, 0.7059, 0.4981
CMYK	0.00, 0.68, 0.46, 0.07
HSL	340°, 82%, 61%
HSV	340°, 68%, 93%
XYZ	41.3388, 24.5952, 22.9858
YIQ	129.4800, 79.5390, 50.8270

Conversions

Conversions Part 2

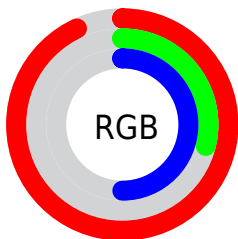
Format	Color
R_{YB}	237, 75, 128
Decimal	15551360
CIE _{Lab}	56.68, 65.56, 6.22
CIE _{LCh}	57, 65.853, 5.421
Yxy	24.5952, 0.4649, 0.2766
Android (android.graphics.Color)	4293741440 (0xFFED4B80)
YUV	129.4800, -0.7296, 94.2950
Hunter-Lab	49.5935, 62.0003, 7.2356

Details

The Yxy color **24.5952, 0.4649, 0.2766** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **65.5308, 0.2564, 0.4016**, and the grayscale version is **22.1122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3713, 0.3917, 0.2796**, and **9.7946, 0.5167, 0.2620** is the 20% darker color. If you saturate the color by 10%, you get **21.5707, 0.5002, 0.2763**, and if you desaturate by 10%, it is **28.8851, 0.4315, 0.2808**.

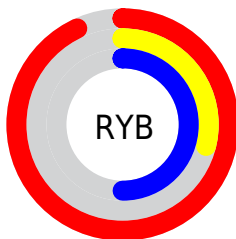
Distribution



Red (93%)

Green (29%)

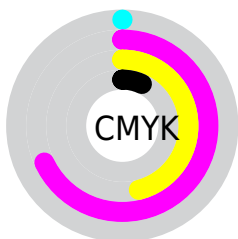
Blue (50%)



Red (93%)

Yellow (29%)

Blue (50%)

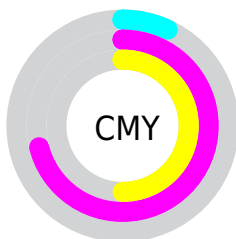


Cyan (0%)

Magenta (68%)

Yellow (46%)

Black (7%)



Cyan (7%)


Magenta (71%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5952, 0.4649, 0.2766 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 24.5952, 0.4649, 0.2766 by changing the saturation by 10% instead.


 24.5952, 0.4649,
0.2766


 24.5952, 0.4649,
0.2766


275.8160, 0.3811,
0.3067


 15.7757, 0.4883,
0.2677


 50.9998, 0.4326,
0.2885


 9.3656, 0.5197,
0.2555


 69.3536, 0.4210,
0.2927

 4.9804, 0.5638,
0.2377

 91.6544, 0.4115,
0.2961

 2.2358, 0.6287,
0.2102

 118.2865, 0.4035,
0.2989

 0.7394, 0.7491,
0.1672

 149.6343, 0.3966,
0.3013

 0.0000, 1.0000,
0.0000

186.0822, 0.3907,

 0.0000, 0.0000,

0.3034

0.0000

228.0147, 0.3856,
0.3051

■ 24.5952, 0.4649,
0.2766

■ 24.5952, 0.4649,
0.2766

■ 21.5707, 0.5002,
0.2763

■ 28.8851, 0.4315,
0.2808

■ 19.6638, 0.5348,
0.2808

■ 34.5585, 0.4017,
0.2876


■ 18.6718, 0.5656,
0.2900


■ 41.7241, 0.3762,
0.2959


■ 18.5491, 0.5704,
0.2916

■ 50.4788, 0.3548,
0.3048

■ 60.9111, 0.3371,
0.3137

 73.1032, 0.3227,
0.3222

 87.1316, 0.3109,
0.3303

 96.7460, 0.3017,
0.3290

Harmonies

Analogous

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



24.5952, 0.3510, 0.2185



24.5952, 0.4649, 0.2766



24.5952, 0.5279, 0.3456

Triad

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



24.5952, 0.4649, 0.2766



24.5952, 0.3485, 0.5414



24.5952, 0.1379, 0.1909

Complementary

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



24.5952, 0.4649, 0.2766



65.5308, 0.2564, 0.4016

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.



24.5952, 0.1366, 0.2526



24.5952, 0.4649, 0.2766



24.5952, 0.2487, 0.4944

Square

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



24.5952, 0.4649, 0.2766



24.5952, 0.4446, 0.4968



24.5952, 0.1722, 0.3664



24.5952, 0.1722, 0.1708

Rectangle

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



24.5952, 0.4649, 0.2766



24.5952, 0.5265, 0.3950



24.5952, 0.1722, 0.3664



24.5952, 0.1338, 0.2061

Sweetspot

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



24.5966, 0.4649, 0.2766



68.3560, 0.3416, 0.3113



21.2154, 0.2651, 0.1507



13.8896, 0.3464, 0.3088



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.



24.5966, 0.4649, 0.2766



24.4276, 0.5142, 0.2775



28.0174, 0.5192, 0.3552



15.1353, 0.3241, 0.3213



10.1478, 0.5661, 0.2892



0.8140, 0.5270, 0.2677

Inverse Universe

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



24.5966, 0.4649, 0.2766



24.4276, 0.5142, 0.2775



53.7076, 0.2250, 0.2931



15.1353, 0.3241, 0.3213



10.1478, 0.5661, 0.2892



0.8140, 0.5270, 0.2677

Previews

White Background



This preview shows how the Yxy color 24.5952, 0.4649, 0.2766 looks on a white background.

Color Contrast Check

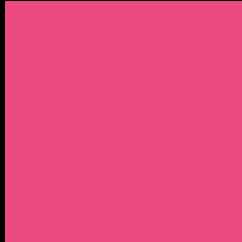
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5952, 0.4649, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

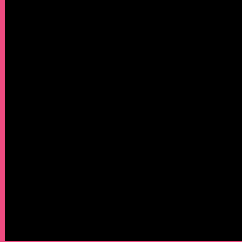
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5952, 0.4649, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 24.5952, 0.4649, 0.2766.



This preview shows how white text looks on a background with the Yxy color 24.5952, 0.4649, 0.2766.

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

24.5952, 0.4649, 0.2766

Protanopia

24.7619, 0.2822, 0.2847

Deuteranopia

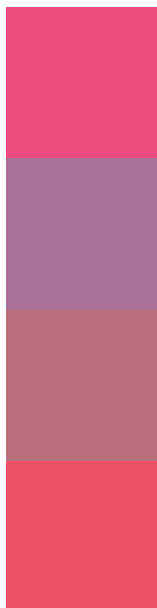
24.5572, 0.3536, 0.3470



Tritanopia

24.7241, 0.5155, 0.3248

Trichromacy



Original Color

24.5952, 0.4649, 0.2766

Protanomaly

22.5583, 0.3402, 0.2742

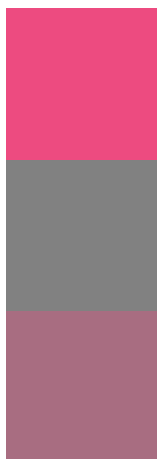
Deuteranomaly

23.1132, 0.3953, 0.3122

Tritanomaly

24.6970, 0.4987, 0.3081

Monochromacy



Original Color

24.5952, 0.4649, 0.2766

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

20.8471, 0.3661, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5952, 0.4649, 0.2766 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(237, 75, 128)` looks like.

```
.text, #text, p{  
    color:rgb(237, 75, 128)  
}
```

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(237, 75, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 75, 128) }
```

Border

The CSS property to change the border of an element to Yxy 24.5952, 0.4649, 0.2766 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(237, 75, 128) }
```

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

```
.border{ border-color:rgb(237, 75, 128) }
```

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

Here you see how a box with a 4 pixel rgb(237, 75, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 75, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 75, 128);  
box-shadow:4px 4px 4px 4px rgb(237, 75,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5952, 0.4649, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 75, 128) }
```

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

```
.background{ background-color: rgb(237, 75,  
128) }
```

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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