

Converting Colors

$Yxy(23.6441, 0.4686, 0.2758)$

Have a look what the booklet for
Yxy(23.6441, 0.4686, 0.2758)
contains.

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Color

Yxy(23.6493, 0.4692, 0.2759)

Conversions

Conversions Part 1

Format	Color
Hex	EB477D
RGB	235, 71, 125
RGB Percent	92%, 28%, 49%
CMY	0.0784, 0.7216, 0.5098
CMYK	0.00, 0.70, 0.47, 0.08
HSL	340°, 80%, 60%
HSV	340°, 70%, 92%
XYZ	40.2184, 23.6493, 21.8492
YIQ	126.1920, 80.4100, 51.5620

Conversions

Conversions Part 2

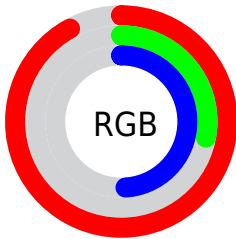
Format	Color
R_{YB}	235, 71, 125
Decimal	15419261
CIE _{Lab}	55.73, 66.17, 6.59
CIE _{LCh}	56, 66.500, 5.687
Yxy	23.6493, 0.4692, 0.2759
Android (android.graphics.Color)	4293609341 (0xFFEB477D)
YUV	126.1920, -0.5877, 95.4246
Hunter-Lab	48.6305, 62.5194, 7.4029

Details

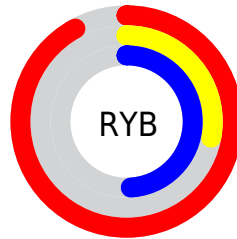
The Yxy color **23.6493, 0.4692, 0.2759** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **64.0973, 0.2562, 0.4039**, and the grayscale version is **20.9144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3996, 0.3971, 0.2807**, and **9.5205, 0.5216, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **20.8460, 0.5045, 0.2762**, and if you desaturate by 10%, it is **27.6741, 0.4356, 0.2797**.

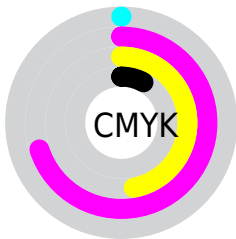
Distribution



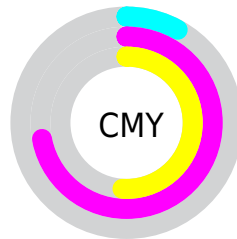
- Red (92%)
- Green (28%)
- Blue (49%)



- Red (92%)
- Yellow (28%)
- Blue (49%)



- Cyan (0%)
- Magenta (70%)
- Yellow (47%)
- Black (8%)



- Cyan (8%)
- Magenta (72%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6493, 0.4692, 0.2759 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 23.6493, 0.4692, 0.2759 by changing the saturation by 10% instead.


 23.6493, 0.4692,
0.2759


 23.6493, 0.4692,
0.2759


271.0426, 0.3826,
0.3066


 15.0737, 0.4936,
0.2667


 49.4573, 0.4357,
0.2882

 8.8711, 0.5264,
0.2540


 67.4585, 0.4237,
0.2924

 4.6572, 0.5725,
0.2354

 89.3703, 0.4138,
0.2959

 2.0476, 0.6407,
0.2064

 115.5771, 0.4056,
0.2988

 0.6349, 0.7821,
0.1599

 146.4634, 0.3985,
0.3012

 0.0000, 1.0000,
0.0000

182.4134, 0.3925,

 0.0000, 0.0000,

0.3033

0.0000

223.8117, 0.3872,
0.3051

■ 23.6493, 0.4692,
0.2759

■ 23.6493, 0.4692,
0.2759

■ 20.8460, 0.5045,
0.2762

■ 27.6741, 0.4356,
0.2797

■ 19.1156, 0.5386,
0.2814

■ 33.0386, 0.4053,
0.2862


■ 18.2205, 0.5688,
0.2908


■ 39.8510, 0.3793,
0.2944


■ 18.2050, 0.5694,
0.2910


■ 48.2074, 0.3574,
0.3033

■ 58.1956, 0.3393,
0.3123

 69.8968, 0.3245,
0.3210

 83.3868, 0.3125,
0.3292

 96.1551, 0.3027,
0.3328

 96.4036, 0.3005,
0.3290

Harmonies

Analogous

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



23.6493, 0.3527, 0.2169



23.6493, 0.4692, 0.2759



23.6493, 0.5326, 0.3457

Triad

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



23.6493, 0.4692, 0.2759



23.6493, 0.3473, 0.5463



23.6493, 0.1352, 0.1879

Complementary

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



23.6493, 0.4692, 0.2759



64.0973, 0.2562, 0.4039

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.



23.6493, 0.1335, 0.2498



23.6493, 0.4692, 0.2759



23.6493, 0.2460, 0.4980

Square

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



23.6493, 0.4692, 0.2759



23.6493, 0.4454, 0.4999



23.6493, 0.1688, 0.3658



23.6493, 0.1702, 0.1680

Rectangle

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



23.6493, 0.4692, 0.2759



23.6493, 0.5302, 0.3958



23.6493, 0.1688, 0.3658



23.6493, 0.1310, 0.2031

Sweetspot

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



23.6506, 0.4692, 0.2759



68.3623, 0.3415, 0.3112



20.2487, 0.2639, 0.1478



13.8911, 0.3463, 0.3087



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.



23.6506, 0.4692, 0.2759



23.9872, 0.5204, 0.2780



26.9163, 0.5252, 0.3552



15.1359, 0.3241, 0.3213



10.1520, 0.5652, 0.2887



0.8144, 0.5262, 0.2672

Inverse Universe

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



23.6506, 0.4692, 0.2759



23.9872, 0.5204, 0.2780



52.2908, 0.2239, 0.2922



15.1359, 0.3241, 0.3213



10.1520, 0.5652, 0.2887



0.8144, 0.5262, 0.2672

Previews

White Background



This preview shows how the Yxy color 23.6493, 0.4692, 0.2759 looks on a white background.

Color Contrast Check

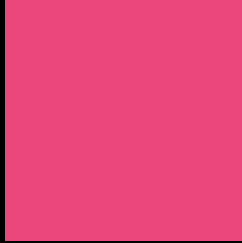
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6493, 0.4692, 0.2759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

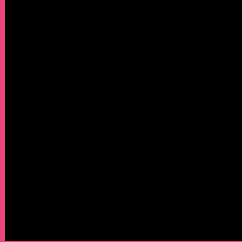
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6493, 0.4692, 0.2759

Background



This preview shows how black text looks on a background with the Yxy color 23.6493, 0.4692, 0.2759.



This preview shows how white text looks on a background with the Yxy color 23.6493, 0.4692, 0.2759.

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

23.6493, 0.4692, 0.2759

Protanopia

23.9023, 0.2808, 0.2840

Deuteranopia

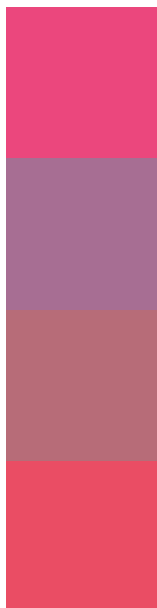
23.7572, 0.3554, 0.3489



Tritanopia

23.7168, 0.5221, 0.3249

Trichromacy



Original Color

23.6493, 0.4692, 0.2759

Protanomaly

21.4739, 0.3407, 0.2732

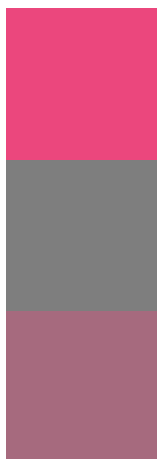
Deuteranomaly

22.1485, 0.3984, 0.3120

Tritanomaly

23.7203, 0.5038, 0.3073

Monochromacy



Original Color

23.6493, 0.4692, 0.2759

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.9214, 0.3687, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6493, 0.4692, 0.2759 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(235, 71, 125)` looks like.

```
.text, #text, p{  
    color:rgb(235, 71, 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(235, 71, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 71, 125) }
```

Border

The CSS property to change the border of an element to Yxy 23.6493, 0.4692, 0.2759 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(235, 71, 125) }
```

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

```
.border{ border-color:rgb(235, 71, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 71, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 71, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 71, 125);  
box-shadow:4px 4px 4px 4px rgb(235, 71,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6493, 0.4692, 0.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 71, 125) }
```

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

```
.background{ background-color: rgb(235, 71,  
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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