

Converting Colors

$Yxy(25.2371, 0.4659, 0.3023)$

Have a look what the booklet for
Yxy(25.2371, 0.4659, 0.3023)
contains.

Yxy(25.2371, 0.4659, 0.3023)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.2371, 0.4659, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	E45B74
RGB	228, 91, 116
RGB Percent	89%, 36%, 45%
CMY	0.1058, 0.6432, 0.5450
CMYK	0.00, 0.60, 0.49, 0.11
HSL	349°, 72%, 63%
HSV	349°, 60%, 89%
XYZ	38.8950, 25.2371, 19.3515
YIQ	134.8130, 73.6270, 36.8190

Conversions

Conversions Part 2

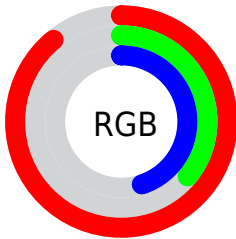
Format	Color
R_{YB}	228, 91, 116
Decimal	14965620
CIE _{Lab}	57.31, 55.24, 13.94
CIE _{LCh}	57, 56.971, 14.165
Yxy	25.2371, 0.4659, 0.3023
Android (android.graphics.Color)	4293155700 (0xFFE45B74)
YUV	134.8130, -9.2748, 81.7250
Hunter-Lab	50.2365, 50.2875, 12.3266

Details

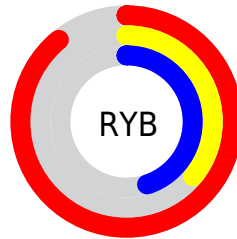
The Yxy color **25.2371, 0.4659, 0.3023** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **62.0337, 0.2504, 0.3626**, and the grayscale version is **24.1694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6449, 0.4018, 0.3062**, and **9.7752, 0.5223, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **21.5242, 0.5076, 0.3013**, and if you desaturate by 10%, it is **30.2236, 0.4279, 0.3054**.

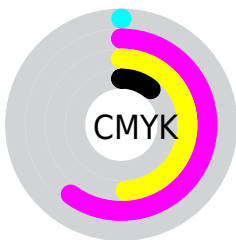
Distribution



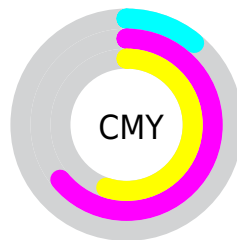
- Red (89%)
- Green (36%)
- Blue (45%)



- Red (89%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (60%)
- Yellow (49%)
- Black (11%)





- Cyan (11%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2371, 0.4659, 0.3023 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 25.2371, 0.4659, 0.3023 by changing the saturation by 10% instead.


 25.2371, 0.4659,
0.3023


 25.2371, 0.4659,
0.3023


279.0167, 0.3813,
0.3198


 16.2538, 0.4896,
0.2963

 52.0416, 0.4332,
0.3098


 9.7039, 0.5215,
0.2875


 70.6316, 0.4215,
0.3123

 5.2031, 0.5661,
0.2736

 93.1926, 0.4119,
0.3142

 2.3669, 0.6315,
0.2502

 120.1090, 0.4037,
0.3158

 0.8088, 0.7801,
0.2199

151.7652, 0.3969,
0.3170

 0.0000, 1.0000,
0.0000

188.5457, 0.3909,

 0.0000, 0.0000,

0.3181

0.0000

230.8347, 0.3858,
0.3190

■ 25.2371, 0.4659,
0.3023

■ 25.2371, 0.4659,
0.3023

■ 21.5242, 0.5076,
0.3013

■ 30.2236, 0.4279,
0.3054

■ 18.9644, 0.5495,
0.3033

■ 36.5816, 0.3951,
0.3097

■ 17.4213, 0.5867,
0.3086

■ 44.4041, 0.3678,
0.3146

■ 16.6626, 0.6146,
0.3159

■ 53.7748, 0.3455,
0.3196

■ 64.7710, 0.3274,
0.3244

■ 77.4650, 0.3128,
0.3290

■ 91.9246, 0.3011,
0.3331

■ 95.2378, 0.2964,
0.3290

Harmonies

Analogous

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



25.2371, 0.3766, 0.2452



25.2371, 0.4659, 0.3023



25.2371, 0.5032, 0.3676

Triad

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



25.2371, 0.4659, 0.3023



25.2371, 0.3221, 0.5069



25.2371, 0.1626, 0.1990

Complementary

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



25.2371, 0.4659, 0.3023



62.0337, 0.2504, 0.3626

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.



25.2371, 0.1531, 0.2440



25.2371, 0.4659, 0.3023



25.2371, 0.2363, 0.4403

Square

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



25.2371, 0.4659, 0.3023



25.2371, 0.4101, 0.4940



25.2371, 0.1766, 0.3306



25.2371, 0.2036, 0.1882

Rectangle

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



25.2371, 0.4659, 0.3023



25.2371, 0.4926, 0.4130



25.2371, 0.1766, 0.3306



25.2371, 0.1559, 0.2097

Sweetspot

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



25.2385, 0.4659, 0.3023



71.9452, 0.3416, 0.3206



25.7642, 0.2935, 0.1786



14.5709, 0.3474, 0.3191



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.



25.2385, 0.4659, 0.3023



26.8364, 0.5176, 0.3015



34.4079, 0.4658, 0.3774



14.4108, 0.3264, 0.3247



9.6319, 0.6114, 0.3142



0.7242, 0.5726, 0.2928

Inverse Universe

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



25.2385, 0.4659, 0.3023



26.8364, 0.5176, 0.3015



42.3680, 0.2257, 0.2687



14.4108, 0.3264, 0.3247



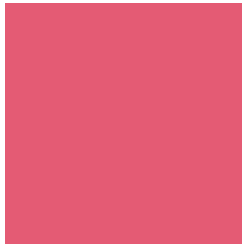
9.6319, 0.6114, 0.3142



0.7242, 0.5726, 0.2928

Previews

White Background



This preview shows how the Yxy color 25.2371, 0.4659, 0.3023 looks on a white background.

Color Contrast Check

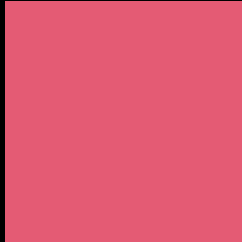
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2371, 0.4659, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

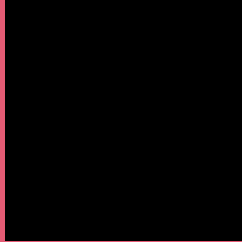
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2371, 0.4659, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 25.2371, 0.4659, 0.3023.



This preview shows how white text looks on a background with the Yxy color 25.2371, 0.4659, 0.3023.

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

25.2371, 0.4659, 0.3023

Protanopia

25.3602, 0.3130, 0.3240

Deuteranopia

25.4779, 0.3717, 0.3656



Tritanopia

25.2564, 0.4859, 0.3231

Trichromacy



Original Color

25.2371, 0.4659, 0.3023

Protanomaly

23.8423, 0.3648, 0.3126

Deuteranomaly

24.4410, 0.4065, 0.3378

Tritanomaly

25.2002, 0.4781, 0.3155

Monochromacy



Original Color

25.2371, 0.4659, 0.3023

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.1872, 0.3653, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2371, 0.4659, 0.3023 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(228, 91, 116)` looks like.

```
.text, #text, p{  
  color:rgb(228, 91, 116)  
}
```

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(228, 91, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 91, 116) }
```

Border

The CSS property to change the border of an element to Yxy 25.2371, 0.4659, 0.3023 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(228, 91, 116) }
```

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

```
.border{ border-color:rgb(228, 91, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 91, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 91, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 91, 116);  
box-shadow:4px 4px 4px 4px rgb(228, 91,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2371, 0.4659, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 91, 116) }
```

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

```
.background{ background-color: rgb(228, 91,  
116) }
```

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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