

Converting Colors

$Y_{xy}(25.6785, 0.4575, 0.2970)$

Have a look what the booklet for
Yxy(25.6785, 0.4575, 0.2970)
contains.

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Color

Yxy(25.7174, 0.4576, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	E55C7A
RGB	229, 92, 122
RGB Percent	90%, 36%, 48%
CMY	0.1020, 0.6391, 0.5216
CMYK	0.00, 0.60, 0.47, 0.10
HSL	347°, 72%, 63%
HSV	347°, 60%, 90%
XYZ	39.6505, 25.7174, 21.2810
YIQ	136.3830, 72.0220, 38.3740

Conversions

Conversions Part 2

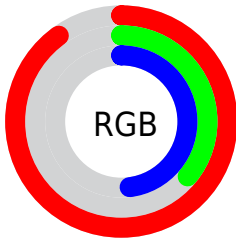
Format	Color
R _Y B	229, 92, 122
Decimal	15031418
CIE Lab	57.77, 55.64, 11.12
CIE LCh	58, 56.736, 11.302
Yxy	25.7174, 0.4576, 0.2968
Android (android.graphics.Color)	4293221498 (0xFFE55C7A)
YUV	136.3830, -7.0908, 81.2251
Hunter-Lab	50.7123, 50.8176, 10.6181

Details

The Yxy color **25.7174, 0.4576, 0.2968** 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 **62.4355, 0.2529, 0.3694**, and the grayscale version is **24.7804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1834, 0.3951, 0.3009**, and **10.0171, 0.5094, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **21.9289, 0.4974, 0.2952**, and if you desaturate by 10%, it is **30.7889, 0.4215, 0.3007**.

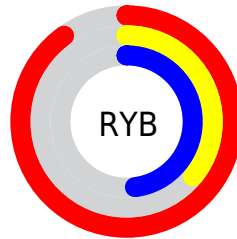
Distribution



Red (90%)

Green (36%)

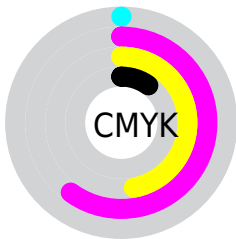
Blue (48%)



Red (90%)

Yellow (36%)

Blue (48%)

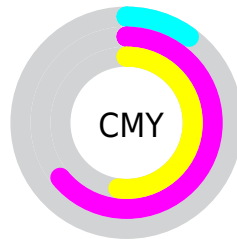


Cyan (0%)

Magenta (60%)

Yellow (47%)

Black (10%)



Cyan (10%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7174, 0.4576, 0.2968 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 25.7174, 0.4576, 0.2968 by changing the saturation by 10% instead.


 25.7174, 0.4576,
0.2968


 25.7174, 0.4576,
0.2968


281.3920, 0.3778,
0.3166


 16.6123, 0.4799,
0.2904


 52.8187, 0.4268,
0.3050


 9.9585, 0.5099,
0.2813


 71.5837, 0.4158,
0.3078

 5.3714, 0.5520,
0.2675

 94.3375, 0.4067,
0.3100

 2.4668, 0.6142,
0.2447

 121.4645, 0.3991,
0.3118

 0.8599, 0.7467,
0.2138

153.3490, 0.3926,
0.3133

 0.0000, 1.0000,
0.0000

190.3756, 0.3870,

 0.0000, 0.0000,

0.3146

0.0000

232.9284, 0.3821,
0.3157

■ 25.7174, 0.4576,
0.2968

■ 25.7174, 0.4576,
0.2968

■ 21.9289, 0.4974,
0.2952

■ 30.7889, 0.4215,
0.3007

■ 19.3031, 0.5381,
0.2969

■ 37.2413, 0.3905,
0.3060

■ 17.7036, 0.5753,
0.3024

■ 45.1678, 0.3647,
0.3119

■ 16.8999, 0.6048,
0.3107

■ 54.6522, 0.3435,
0.3179

■ 16.8879, 0.6053,
0.3108

■ 65.7718, 0.3264,
0.3237

■ 78.5991, 0.3125,
0.3291

■ 93.2021, 0.3013,
0.3341

■ 95.3968, 0.2970,
0.3290

Harmonies

Analogous

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



25.7174, 0.3664, 0.2413



25.7174, 0.4576, 0.2968



25.7174, 0.5007, 0.3612

Triad

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



25.7174, 0.4576, 0.2968



25.7174, 0.3308, 0.5069



25.7174, 0.1615, 0.2028

Complementary

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



25.7174, 0.4576, 0.2968



62.4355, 0.2529, 0.3694

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.



25.7174, 0.1551, 0.2513



25.7174, 0.4576, 0.2968



25.7174, 0.2445, 0.4483

Square

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



25.7174, 0.4576, 0.2968



25.7174, 0.4171, 0.4883



25.7174, 0.1819, 0.3408



25.7174, 0.1993, 0.1891

Rectangle

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



25.7174, 0.4576, 0.2968



25.7174, 0.4941, 0.4062



25.7174, 0.1819, 0.3408



25.7174, 0.1559, 0.2146

Sweetspot

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



25.7188, 0.4576, 0.2968



72.0320, 0.3403, 0.3189



25.1886, 0.2867, 0.1761



14.5917, 0.3459, 0.3172



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.



25.7188, 0.4576, 0.2968



26.9777, 0.5081, 0.2953



33.0104, 0.4705, 0.3695



14.4194, 0.3258, 0.3239



9.6711, 0.6018, 0.3089



0.7283, 0.5613, 0.2866

Inverse Universe

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



25.7188, 0.4576, 0.2968



26.9777, 0.5081, 0.2953



45.8371, 0.2282, 0.2789



14.4194, 0.3258, 0.3239



9.6711, 0.6018, 0.3089



0.7283, 0.5613, 0.2866

Previews

White Background



This preview shows how the Yxy color 25.7174, 0.4576, 0.2968 looks on a white background.

Color Contrast Check

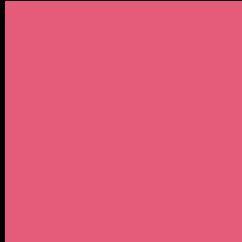
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7174, 0.4576, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

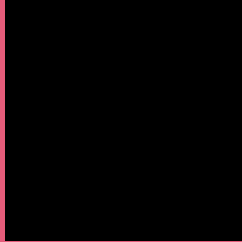
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7174, 0.4576, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 25.7174, 0.4576, 0.2968.



This preview shows how white text looks on a background with the Yxy color 25.7174, 0.4576, 0.2968.

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

25.7174, 0.4576, 0.2968

Protanopia

25.7725, 0.3048, 0.3142

Deuteranopia

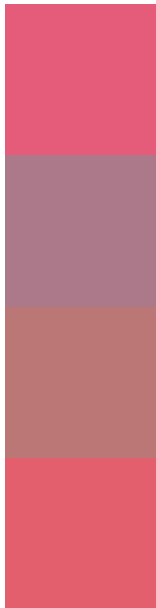
25.8882, 0.3643, 0.3576



Tritanopia

25.8190, 0.4827, 0.3231

Trichromacy



Original Color

25.7174, 0.4576, 0.2968

Protanomaly

24.2804, 0.3557, 0.3037

Deuteranomaly

24.9408, 0.3993, 0.3307

Tritanomaly

25.7825, 0.4736, 0.3143

Monochromacy



Original Color

25.7174, 0.4576, 0.2968

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.6177, 0.3623, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7174, 0.4576, 0.2968 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(229, 92, 122)` looks like.

```
.text, #text, p{  
    color:rgb(229, 92, 122)  
}
```

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(229, 92, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 92, 122) }
```

Border

The CSS property to change the border of an element to Yxy 25.7174, 0.4576, 0.2968 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(229, 92, 122) }
```

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

```
.border{ border-color:rgb(229, 92, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 92, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 92, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 92, 122);  
box-shadow:4px 4px 4px 4px rgb(229, 92,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7174, 0.4576, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 92, 122) }
```

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

```
.background{ background-color: rgb(229, 92,  
122) }
```

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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