

Converting Colors

$Y_{xy}(25.4857, 0.4307, 0.2713)$

Have a look what the booklet for
Yxy(25.4857, 0.4307, 0.2713)
contains.

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Color

Yxy(25.5605, 0.4313, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	E5588D
RGB	229, 88, 141
RGB Percent	90%, 35%, 55%
CMY	0.1018, 0.6550, 0.4470
CMYK	0.00, 0.62, 0.38, 0.10
HSL	337°, 73%, 62%
HSV	337°, 62%, 90%
XYZ	40.6199, 25.5605, 27.9998
YIQ	136.2010, 67.0230, 46.3750

Conversions

Conversions Part 2

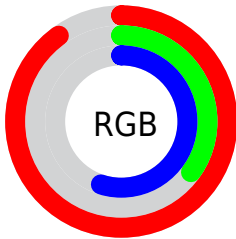
Format	Color
R _Y B	229, 88, 141
Decimal	15030413
CIE Lab	57.62, 59.30, -0.26
CIE LCh	58, 59.304, 359.753
Yxy	25.5605, 0.4313, 0.2714
Android (android.graphics.Color)	4293220493 (0xFFE5588D)
YUV	136.2010, 2.3659, 81.3847
Hunter-Lab	50.5574, 54.9389, 2.5541

Details

The Yxy color **25.5605, 0.4313, 0.2714** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **61.2650, 0.2625, 0.4032**, and the grayscale version is **24.6693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1016, 0.3749, 0.2774**, and **9.8436, 0.4734, 0.2509** is the 20% darker color. If you saturate the color by 10%, you get **21.9772, 0.4625, 0.2673**, and if you desaturate by 10%, it is **30.3819, 0.4030, 0.2787**.

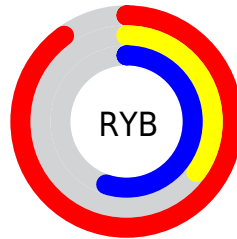
Distribution



Red (90%)

Green (35%)

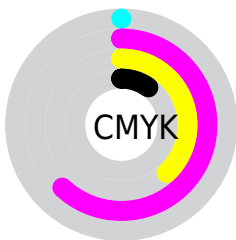
Blue (55%)



Red (90%)

Yellow (35%)

Blue (55%)

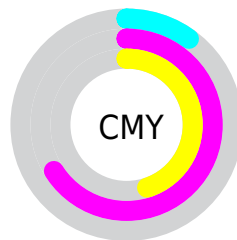


Cyan (0%)

Magenta (62%)

Yellow (38%)

Black (10%)



Cyan (10%)


Magenta (66%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5605, 0.4313, 0.2714 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 25.5605, 0.4313, 0.2714 by changing the saturation by 10% instead.


 25.5605, 0.4313,
0.2714


 25.5605, 0.4313,
0.2714


280.6179, 0.3667,
0.3028


 16.4951, 0.4493,
0.2627


 52.5651, 0.4065,
0.2834


 9.8752, 0.4734,
0.2510


 71.2731, 0.3976,
0.2878

 5.3163, 0.5074,
0.2346


 93.9641, 0.3902,
0.2913

 2.4340, 0.5585,
0.2099

 121.0225, 0.3840,
0.2944

 0.8433, 0.6412,
0.1701

152.8326, 0.3787,
0.2969

 0.0000, 1.0000,
0.0000

189.7790, 0.3741,

 0.0000, 0.0000,

0.2991

0.0000

232.2460, 0.3701,
0.3011

■ 25.5605, 0.4313,
0.2714

■ 25.5605, 0.4313,
0.2714

■ 21.9772, 0.4625,
0.2673

■ 30.3819, 0.4030,
0.2787

■ 19.5109, 0.4950,
0.2675

■ 36.5394, 0.3785,
0.2879

■ 18.0230, 0.5266,
0.2729

■ 44.1256, 0.3576,
0.2979

■ 17.3378, 0.5509,
0.2808

■ 53.2238, 0.3403,
0.3082

■ 63.9109, 0.3261,
0.3181

■ 76.2583, 0.3144,
0.3276

■ 90.3332, 0.3048,
0.3363

■ 95.4037, 0.2970,
0.3290

Harmonies

Analogous

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



25.5605, 0.3279, 0.2202



25.5605, 0.4313, 0.2714



25.5605, 0.4998, 0.3349

Triad

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



25.5605, 0.4313, 0.2714



25.5605, 0.3662, 0.5159



25.5605, 0.1498, 0.2120

Complementary

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



25.5605, 0.4313, 0.2714



61.2650, 0.2625, 0.4032

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.



25.5605, 0.1555, 0.2782



25.5605, 0.4313, 0.2714



25.5605, 0.2738, 0.4885

Square

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



25.5605, 0.4313, 0.2714



25.5605, 0.4500, 0.4723



25.5605, 0.1970, 0.3856



25.5605, 0.1760, 0.1856

Rectangle

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



25.5605, 0.4313, 0.2714



25.5605, 0.5091, 0.3805



25.5605, 0.1970, 0.3856



25.5605, 0.1480, 0.2291

Sweetspot

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



25.5619, 0.4313, 0.2714



72.4209, 0.3350, 0.3117



21.7428, 0.2644, 0.1628



14.6855, 0.3394, 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.



25.5619, 0.4313, 0.2714



27.0053, 0.4717, 0.2668



27.3546, 0.4954, 0.3468



14.4572, 0.3234, 0.3202



9.9310, 0.5469, 0.2786



0.7514, 0.5072, 0.2567

Inverse Universe

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



25.5619, 0.4313, 0.2714



27.0053, 0.4717, 0.2668



55.1083, 0.2331, 0.3069



14.4572, 0.3234, 0.3202



9.9310, 0.5469, 0.2786



0.7514, 0.5072, 0.2567

Previews

White Background



This preview shows how the Yxy color 25.5605, 0.4313, 0.2714 looks on a white background.

Color Contrast Check

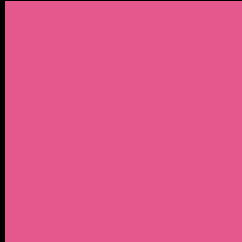
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5605, 0.4313, 0.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

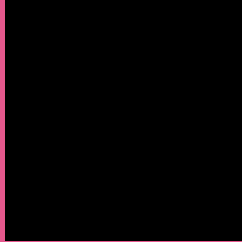
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5605, 0.4313, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 25.5605, 0.4313, 0.2714.



This preview shows how white text looks on a background with the Yxy color 25.5605, 0.4313, 0.2714.

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

25.5605, 0.4313, 0.2714

Protanopia

25.9808, 0.2739, 0.2748

Deuteranopia

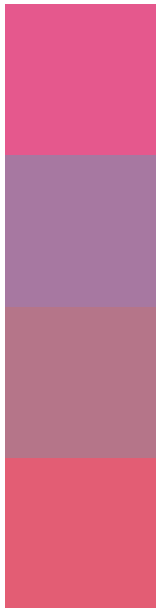
25.6414, 0.3357, 0.3291



Tritanopia

25.4938, 0.4807, 0.3230

Trichromacy



Original Color

25.5605, 0.4313, 0.2714

Protanomaly

24.2216, 0.3226, 0.2686

Deuteranomaly

24.3525, 0.3692, 0.3004

Tritanomaly

25.4205, 0.4637, 0.3042

Monochromacy



Original Color

25.5605, 0.4313, 0.2714

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5747, 0.3538, 0.3004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5605, 0.4313, 0.2714 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, 88, 141)` looks like.

```
.text, #text, p{  
    color:rgb(229, 88, 141)  
}
```

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, 88, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 88, 141) }
```

Border

The CSS property to change the border of an element to Yxy 25.5605, 0.4313, 0.2714 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, 88, 141) }
```

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

```
.border{ border-color:rgb(229, 88, 141) }
```

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

Here you see how a box with a 4 pixel rgb(229, 88, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 88, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 88, 141);  
box-shadow:4px 4px 4px 4px rgb(229, 88,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5605, 0.4313, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 88, 141) }
```

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

```
.background{ background-color: rgb(229, 88,  
141) }
```

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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