

Converting Colors

$Y_{xy}(25.3594, 0.4364, 0.2838)$

Have a look what the booklet for
Yxy(25.3594, 0.4364, 0.2838)
contains.

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Color

Yxy(25.5297, 0.4366, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	E15D85
RGB	225, 93, 133
RGB Percent	88%, 36%, 52%
CMY	0.1177, 0.6352, 0.4785
CMYK	0.00, 0.59, 0.41, 0.12
HSL	342°, 69%, 62%
HSV	342°, 59%, 88%
XYZ	39.1922, 25.5297, 25.0450
YIQ	137.0280, 65.8320, 40.4240

Conversions

Conversions Part 2

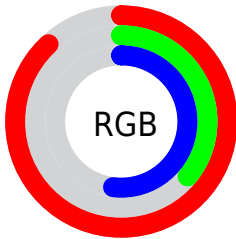
Format	Color
R _Y B	225, 93, 133
Decimal	14769541
CIE Lab	57.59, 54.97, 4.33
CIE LCh	58, 55.136, 4.509
Yxy	25.5297, 0.4366, 0.2844
Android (android.graphics.Color)	4292959621 (0xFFE15D85)
YUV	137.0280, -1.9858, 77.1514
Hunter-Lab	50.5269, 50.0350, 5.9802

Details

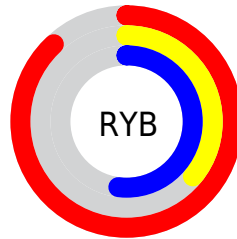
The Yxy color **25.5297, 0.4366, 0.2844** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **59.6694, 0.2590, 0.3845**, and the grayscale version is **25.0200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9850, 0.3822, 0.2896**, and **9.8415, 0.4800, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **21.7425, 0.4713, 0.2808**, and if you desaturate by 10%, it is **30.5458, 0.4056, 0.2906**.

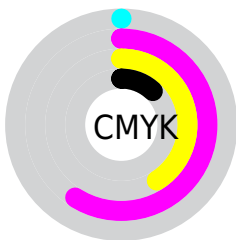
Distribution



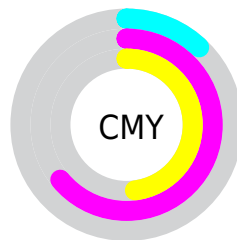
- Red (88%)
- Green (36%)
- Blue (52%)



- Red (88%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (12%)




- Cyan (12%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5297, 0.4366, 0.2844 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 25.5297, 0.4366, 0.2844 by changing the saturation by 10% instead.


 25.5297, 0.4366,
0.2844


 25.5297, 0.4366,
0.2844


280.4657, 0.3686,
0.3096


 16.4721, 0.4557,
0.2771


 52.5153, 0.4104,
0.2943


 9.8589, 0.4814,
0.2670


 71.2120, 0.4010,
0.2978

 5.3055, 0.5178,
0.2523

 93.8907, 0.3932,
0.3007

 2.4276, 0.5727,
0.2294

 120.9356, 0.3867,
0.3030

 0.8400, 0.6681,
0.1921

152.7312, 0.3812,
0.3051

 0.0000, 1.0000,
0.0000

189.6618, 0.3764,

 0.0000, 0.0000,

0.3068

0.0000

232.1118, 0.3722,
0.3083

■ 25.5297, 0.4366,
0.2844

■ 25.5297, 0.4366,
0.2844

■ 21.7425, 0.4713,
0.2808

■ 30.5458, 0.4056,
0.2906

■ 19.0721, 0.5079,
0.2809

■ 36.8818, 0.3789,
0.2982

■ 17.3927, 0.5434,
0.2857


■ 44.6249, 0.3567,
0.3064


■ 16.5147, 0.5745,
0.2948

■ 53.8533, 0.3383,
0.3146

■ 16.4221, 0.5784,
0.2960

■ 64.6398, 0.3234,
0.3225

 77.0520, 0.3112,
0.3300

 91.1539, 0.3013,
0.3368

 94.7434, 0.2946,
0.3289

Harmonies

Analogous

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



25.5297, 0.3428, 0.2329



25.5297, 0.4366, 0.2844



25.5297, 0.4920, 0.3464

Triad

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



25.5297, 0.4366, 0.2844



25.5297, 0.3509, 0.5039



25.5297, 0.1605, 0.2132

Complementary

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



25.5297, 0.4366, 0.2844



59.6694, 0.2590, 0.3845

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.



25.5297, 0.1613, 0.2699



25.5297, 0.4366, 0.2844



25.5297, 0.2644, 0.4641

Square

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



25.5297, 0.4366, 0.2844



25.5297, 0.4322, 0.4739



25.5297, 0.1959, 0.3648



25.5297, 0.1905, 0.1925

Rectangle

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



25.5297, 0.4366, 0.2844



25.5297, 0.4950, 0.3903



25.5297, 0.1959, 0.3648



25.5297, 0.1573, 0.2277

Sweetspot

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



25.5311, 0.4366, 0.2844



72.2375, 0.3375, 0.3150



23.3606, 0.2763, 0.1741



14.6412, 0.3424, 0.3127



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.



25.5311, 0.4366, 0.2844



28.1244, 0.4780, 0.2805



29.5690, 0.4750, 0.3564



13.7685, 0.3245, 0.3219



9.4838, 0.5744, 0.2938



0.6729, 0.5303, 0.2695

Inverse Universe

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



25.5311, 0.4366, 0.2844



28.1244, 0.4780, 0.2805



49.4370, 0.2331, 0.2959



13.7685, 0.3245, 0.3219



9.4838, 0.5744, 0.2938



0.6729, 0.5303, 0.2695

Previews

White Background



This preview shows how the Yxy color 25.5297, 0.4366, 0.2844 looks on a white background.

Color Contrast Check

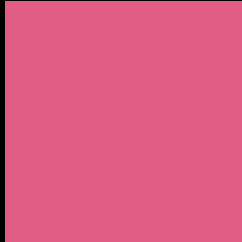
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5297, 0.4366, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

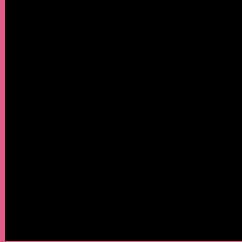
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5297, 0.4366, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 25.5297, 0.4366, 0.2844.



This preview shows how white text looks on a background with the Yxy color 25.5297, 0.4366, 0.2844.

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

25.5297, 0.4366, 0.2844

Protanopia

25.8311, 0.2892, 0.2948

Deuteranopia

25.7506, 0.3470, 0.3403



Tritanopia

25.4433, 0.4722, 0.3217

Trichromacy



Original Color

25.5297, 0.4366, 0.2844

Protanomaly

24.4459, 0.3361, 0.2872

Deuteranomaly

24.7237, 0.3801, 0.3148

Tritanomaly

25.4508, 0.4603, 0.3081

Monochromacy



Original Color

25.5297, 0.4366, 0.2844

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8873, 0.3545, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5297, 0.4366, 0.2844 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(225, 93, 133)` looks like.

```
.text, #text, p{  
    color:rgb(225, 93, 133)  
}
```

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(225, 93, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 93, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.5297, 0.4366, 0.2844 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(225, 93, 133) }
```

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

```
.border{ border-color:rgb(225, 93, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 93, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 93, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 93, 133);  
box-shadow:4px 4px 4px 4px rgb(225, 93,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5297, 0.4366, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 93, 133) }
```

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

```
.background{ background-color: rgb(225, 93,  
133) }
```

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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