

Converting Colors

Yxy(26.5441, 0.3925, 0.2342)

Have a look what the booklet for
Yxy(26.5441, 0.3925, 0.2342)
contains.

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Color

Yxy(26.5441, 0.3925, 0.2342)

Conversions

Conversions Part 1	
Format	Color
Hex	EA52AD
RGB	234, 82, 173
RGB Percent	92%, 32%, 68%
CMY	0.0824, 0.6783, 0.3216
CMYK	0.00, 0.65, 0.26, 0.08
HSL	324°, 78%, 62%
HSV	324°, 65%, 92%
XYZ	44.4857, 26.5441, 42.3096
YIQ	137.8220, 61.3810, 60.5250

Conversions

Conversions Part 2

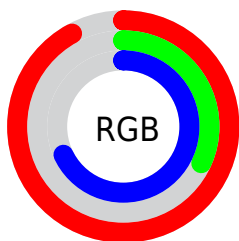
Format	Color
RYB	234, 82, 173
Decimal	15356589
CIELab	58.55, 66.87, -17.41
CIELCh	59, 69.101, 345.406
Yxy	26.5441, 0.3925, 0.2342
Android (android.graphics.Color)	4293546669 (0xFFEA52AD)
YUV	137.8220, 17.3428, 84.3481
Hunter-Lab	51.5210, 63.9640, -12.6250

Details

The Yxy color **26.5441, 0.3925, 0.2342** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **62.6125, 0.2772, 0.4585**, and the grayscale version is **25.2644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6733, 0.3409, 0.2404**, and **10.3791, 0.4158, 0.2064** is the 20% darker color. If you saturate the color by 10%, you get **23.2455, 0.4108, 0.2266**, and if you desaturate by 10%, it is **31.0736, 0.3754, 0.2456**.

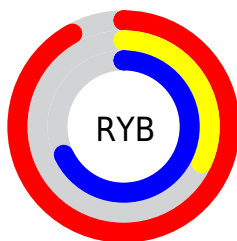
Distribution



Red (92%)

Green (32%)

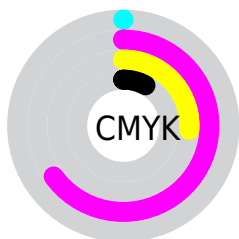
Blue (68%)



Red (92%)

Yellow (32%)

Blue (68%)

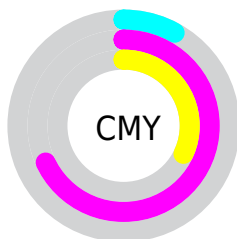


Cyan (0%)

Magenta (65%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (68%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5441, 0.3925, 0.2342 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 26.5441, 0.3925, 0.2342 by changing the saturation by 10% instead.


 26.5441, 0.3925,
0.2342


 26.5441, 0.3925,
0.2342


285.4429, 0.3511,
0.2819


 17.2311, 0.4033,
0.2223


 54.1514, 0.3771,
0.2515


 10.3994, 0.4173,
0.2072


 73.2146, 0.3715,
0.2580

 5.6646, 0.4363,
0.1873


 96.2965, 0.3667,
0.2636

 2.6422, 0.4633,
0.1602

 123.7818, 0.3626,
0.2683

 0.9479, 0.5043,
0.1221

156.0546, 0.3592,
0.2724

 0.0000, 0.6130,
0.0000


193.4995, 0.3561,


 0.0000, 1.0000,


0.2759

0.0000


236.5008, 0.3535,
0.2791

 0.0000, 0.0000,
0.0000


 26.5441, 0.3925,
0.2342


 26.5441, 0.3925,
0.2342


 23.2455, 0.4108,
0.2266


 31.0736, 0.3754,
0.2456


 21.0450, 0.4295,
0.2238


 36.9405, 0.3600,
0.2595


 19.7866, 0.4479,
0.2264


 44.2444, 0.3464,
0.2749

 19.3841, 0.4571,
0.2292


 53.0741, 0.3347,
0.2908

 63.5114, 0.3247,
0.3066

 75.6320, 0.3163,
0.3218

 89.5070, 0.3093,
0.3362

 95.7937, 0.3037,
0.3358

 96.2288, 0.2999,
0.3290

Harmonies

Analogous

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



26.5441, 0.2748, 0.1886



26.5441, 0.3925, 0.2342



26.5441, 0.4980, 0.2978

Triad

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



26.5441, 0.3925, 0.2342



26.5441, 0.4153, 0.5213



26.5441, 0.1304, 0.2242

Complementary

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



26.5441, 0.3925, 0.2342



62.6125, 0.2772, 0.4585

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.



26.5441, 0.1528, 0.3227



26.5441, 0.3925, 0.2342



26.5441, 0.3137, 0.5435

Square

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



26.5441, 0.3925, 0.2342



26.5441, 0.4985, 0.4477



26.5441, 0.2170, 0.4596



26.5441, 0.1428, 0.1776

Rectangle

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



26.5441, 0.3925, 0.2342



26.5441, 0.5324, 0.3450



26.5441, 0.2170, 0.4596



26.5441, 0.1337, 0.2507

Sweetspot

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



26.5455, 0.3925, 0.2342



71.6981, 0.3286, 0.3001



17.8021, 0.2302, 0.1405



14.5733, 0.3315, 0.2955



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.



26.5455, 0.3925, 0.2342



27.1997, 0.4172, 0.2251



24.3960, 0.5045, 0.3147



15.2055, 0.3199, 0.3150



10.9206, 0.4544, 0.2277



0.8765, 0.4308, 0.2147

Inverse Universe

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



26.5455, 0.3925, 0.2342



27.1997, 0.4172, 0.2251



65.7318, 0.2422, 0.3486



15.2055, 0.3199, 0.3150



10.9206, 0.4544, 0.2277



0.8765, 0.4308, 0.2147

Previews

White Background



This preview shows how the Yxy color 26.5441, 0.3925, 0.2342 looks on a white background.

Color Contrast Check

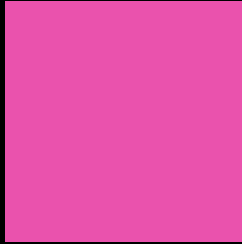
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5441, 0.3925, 0.2342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

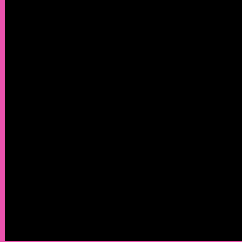
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5441, 0.3925, 0.2342

Background



This preview shows how black text looks on a background with the Yxy color 26.5441, 0.3925, 0.2342.



This preview shows how white text looks on a background with the Yxy color 26.5441, 0.3925, 0.2342.

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

26.5441, 0.3925, 0.2342

Protanopia

27.0164, 0.2312, 0.2186

Deuteranopia

26.8229, 0.2927, 0.2868



Tritanopia

26.4583, 0.4752, 0.3219

Trichromacy



Original Color

26.5441, 0.3925, 0.2342



Protanomaly

24.3961, 0.2741, 0.2157



Deuteranomaly

25.1311, 0.3265, 0.2590



Tritanomaly

26.2634, 0.4464, 0.2890

Monochromacy



Original Color

26.5441, 0.3925, 0.2342



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

24.0755, 0.3416, 0.2807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5441, 0.3925, 0.2342 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(234, 82, 173) looks like.

```
.text, #text, p{  
    color:rgb(234, 82, 173)  
}
```

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(234, 82, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 82, 173) }
```

Border

The CSS property to change the border of an element to Yxy 26.5441, 0.3925, 0.2342 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(234, 82, 173) }
```

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

```
.border{ border-color:rgb(234, 82, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 82, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 82, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 82, 173);  
box-shadow:4px 4px 4px 4px rgb(234, 82,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5441, 0.3925, 0.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 82, 173) }
```

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

```
.background{ background-color: rgb(234, 82,  
173) }
```

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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