

Converting Colors

$Y_{xy}(25.4848, 0.3903, 0.2207)$

Have a look what the booklet for
Yxy(25.4848, 0.3903, 0.2207)
contains.

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Color

Yxy(25.4751, 0.3913, 0.2211)

Conversions

Conversions Part 1

Format	Color
Hex	ED45B2
RGB	237, 69, 178
RGB Percent	93%, 27%, 70%
CMY	0.0706, 0.7293, 0.3020
CMYK	0.00, 0.71, 0.25, 0.07
HSL	321°, 82%, 60%
HSV	321°, 71%, 93%
XYZ	45.0855, 25.4751, 44.6592
YIQ	131.6580, 65.1390, 69.5150

Conversions

Conversions Part 2

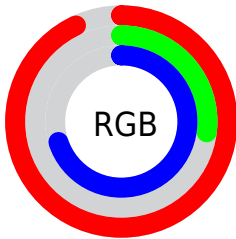
Format	Color
R_{YB}	237, 69, 178
Decimal	15549874
CIE _{Lab}	57.54, 72.98, -21.81
CIE _{LCh}	58, 76.172, 343.359
Yxy	25.4751, 0.3913, 0.2211
Android (android.graphics.Color)	4293739954 (0xFFED45B2)
YUV	131.6580, 22.8466, 92.3849
Hunter-Lab	50.4729, 71.1198, -17.1297

Details

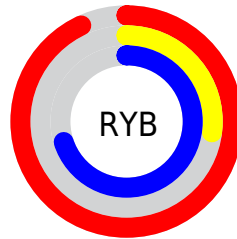
The Yxy color **25.4751, 0.3913, 0.2211** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **63.3861, 0.2802, 0.4848**, and the grayscale version is **22.8483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1658, 0.3372, 0.2271**, and **10.8278, 0.4119, 0.2043** is the 20% darker color. If you saturate the color by 10%, you get **22.7944, 0.4070, 0.2153**, and if you desaturate by 10%, it is **29.3422, 0.3761, 0.2313**.

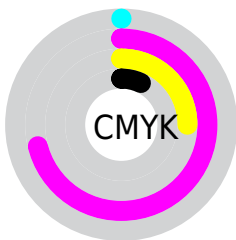
Distribution



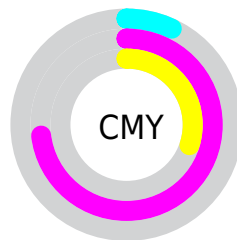
- Red (93%)
- Green (27%)
- Blue (70%)



- Red (93%)
- Yellow (27%)
- Blue (70%)



- Cyan (0%)
- Magenta (71%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (73%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4751, 0.3913, 0.2211 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 25.4751, 0.3913, 0.2211 by changing the saturation by 10% instead.


 25.4751, 0.3913,
0.2211


 25.4751, 0.3913,
0.2211


280.1958, 0.3510,
0.2748


 16.4314, 0.4016,
0.2080


 52.4269, 0.3765,
0.2405


 9.8299, 0.4148,
0.1914


 71.1038, 0.3710,
0.2478


 5.2863, 0.4326,
0.1699


 93.7606, 0.3663,
0.2540

 2.4162, 0.4573,
0.1412

 120.7816, 0.3624,
0.2593

 0.8342, 0.4936,
0.1020

 152.5512, 0.3589,
0.2640

 0.0000, 0.5789,
0.0000

189.4538, 0.3560,


 0.0000, 0.9542,


0.2680

0.0000


231.8739, 0.3533,
0.2716

 0.0000, 0.0000,
0.0000


 25.4751, 0.3913,
0.2211


 25.4751, 0.3913,
0.2211


 22.7944, 0.4070,
0.2153


 29.3422, 0.3761,
0.2313


 21.1478, 0.4227,
0.2145


 34.5158, 0.3621,
0.2449

 20.3272, 0.4366,
0.2179


 41.1054, 0.3493,
0.2606


 49.2081, 0.3381,
0.2775

 58.9121, 0.3285,
0.2947

 70.2990, 0.3202,
0.3115

 83.4446, 0.3133,
0.3276

 96.0895, 0.3076,
0.3393

 96.6082, 0.3029,
0.3310

Harmonies

Analogous

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



25.4751, 0.2622, 0.1744



25.4751, 0.3913, 0.2211



25.4751, 0.5129, 0.2873

Triad

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



25.4751, 0.3913, 0.2211



25.4751, 0.4262, 0.5322



25.4751, 0.1161, 0.2173

Complementary

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



25.4751, 0.3913, 0.2211



63.3861, 0.2802, 0.4848

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.



25.4751, 0.1408, 0.3294



25.4751, 0.3913, 0.2211



25.4751, 0.3166, 0.5721

Square

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



25.4751, 0.3913, 0.2211



25.4751, 0.5172, 0.4457



25.4751, 0.2113, 0.4875



25.4751, 0.1273, 0.1659

Rectangle

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



25.4751, 0.3913, 0.2211



25.4751, 0.5536, 0.3364



25.4751, 0.2113, 0.4875



25.4751, 0.1199, 0.2470

Sweetspot

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



25.4764, 0.3913, 0.2211



69.3107, 0.3286, 0.2943



14.9484, 0.2140, 0.1217



14.1161, 0.3312, 0.2895



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.



25.4764, 0.3913, 0.2211



25.9119, 0.4140, 0.2143



23.0743, 0.5198, 0.3069



15.2187, 0.3192, 0.3138



11.1251, 0.4342, 0.2165



0.8917, 0.4144, 0.2056

Inverse Universe

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



25.4764, 0.3913, 0.2211



25.9119, 0.4140, 0.2143



66.5701, 0.2426, 0.3622



15.2187, 0.3192, 0.3138



11.1251, 0.4342, 0.2165



0.8917, 0.4144, 0.2056

Previews

White Background



This preview shows how the Yxy color 25.4751, 0.3913, 0.2211 looks on a white background.

Color Contrast Check

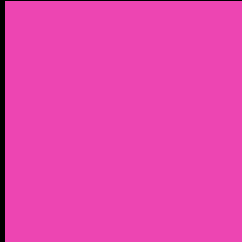
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4751, 0.3913, 0.2211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

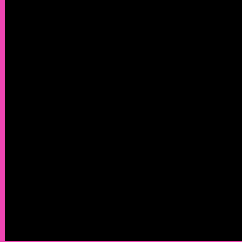
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4751, 0.3913, 0.2211

Background



This preview shows how black text looks on a background with the Yxy color 25.4751, 0.3913, 0.2211.



This preview shows how white text looks on a background with the Yxy color 25.4751, 0.3913, 0.2211.

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

25.4751, 0.3913, 0.2211

Protanopia

26.0322, 0.2145, 0.1972

Deuteranopia

25.7913, 0.2820, 0.2767



Tritanopia

25.3591, 0.4929, 0.3233

Trichromacy



Original Color

25.4751, 0.3913, 0.2211



Protanomaly

22.7255, 0.2575, 0.1951



Deuteranomaly

23.4511, 0.3179, 0.2446



Tritanomaly

25.1966, 0.4583, 0.2844

Monochromacy



Original Color

25.4751, 0.3913, 0.2211



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.6533, 0.3421, 0.2697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4751, 0.3913, 0.2211 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(237, 69, 178)` looks like.

```
.text, #text, p{  
    color:rgb(237, 69, 178)  
}
```

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(237, 69, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 69, 178) }
```

Border

The CSS property to change the border of an element to Yxy 25.4751, 0.3913, 0.2211 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(237, 69, 178) }
```

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

```
.border{ border-color:rgb(237, 69, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 69, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 69, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 69, 178);  
box-shadow:4px 4px 4px 4px rgb(237, 69,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4751, 0.3913, 0.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 69, 178) }
```

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

```
.background{ background-color: rgb(237, 69,  
178) }
```

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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