

Converting Colors

$Y_{xy}(25.5121, 0.3730, 0.2159)$

Have a look what the booklet for
Yxy(25.5121, 0.3730, 0.2159)
contains.

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Color

Yxy(25.4947, 0.3728, 0.2161)

Conversions

Conversions Part 1

Format	Color
Hex	E64CB9
RGB	230, 76, 185
RGB Percent	90%, 30%, 73%
CMY	0.0979, 0.7021, 0.2745
CMYK	0.00, 0.67, 0.20, 0.10
HSL	318°, 76%, 60%
HSV	318°, 67%, 90%
XYZ	43.9816, 25.4947, 48.5001
YIQ	134.4720, 56.7950, 66.5470

Conversions

Conversions Part 2

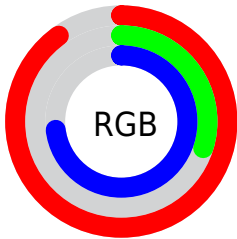
Format	Color
R _Y B	230, 76, 185
Decimal	15092921
CIE Lab	57.55, 69.69, -25.92
CIE LCh	58, 74.357, 339.596
Yxy	25.4947, 0.3728, 0.2161
Android (android.graphics.Color)	4293283001 (0xFFE64CB9)
YUV	134.4720, 24.9103, 83.7781
Hunter-Lab	50.4923, 67.1220, -21.6061

Details

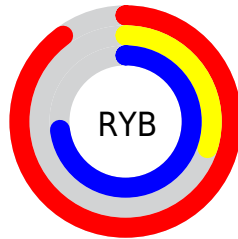
The Yxy color **25.4947, 0.3728, 0.2161** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **59.5271, 0.2847, 0.4879**, and the grayscale version is **23.9106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9388, 0.3303, 0.2257**, and **10.3239, 0.3881, 0.1912** is the 20% darker color. If you saturate the color by 10%, you get **22.5970, 0.3852, 0.2073**, and if you desaturate by 10%, it is **29.5407, 0.3609, 0.2289**.

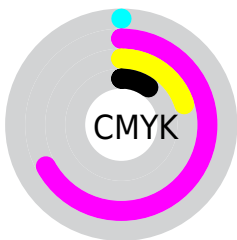
Distribution



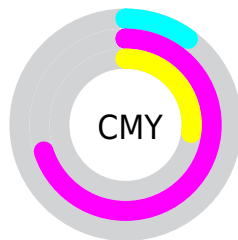
- Red (90%)
- Green (30%)
- Blue (73%)



- Red (90%)
- Yellow (30%)
- Blue (73%)



- Cyan (0%)
- Magenta (67%)
- Yellow (20%)
- Black (10%)




- Cyan (10%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4947, 0.3728, 0.2161 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 25.4947, 0.3728, 0.2161 by changing the saturation by 10% instead.


 25.4947, 0.3728,
0.2161


 25.4947, 0.3728,
0.2161


280.2927, 0.3428,
0.2718


 16.4460, 0.3802,
0.2026


 52.4586, 0.3620,
0.2361


 9.8403, 0.3895,
0.1857


 71.1427, 0.3579,
0.2437


 5.2932, 0.4017,
0.1639


 93.8073, 0.3544,
0.2501

 2.4203, 0.4180,
0.1351

 120.8369, 0.3514,
0.2557

 0.8363, 0.4406,
0.0966

 152.6158, 0.3489,
0.2605

 0.0000, 0.4952,
0.0000

189.5285, 0.3466,

 0.0000, 0.5565,

0.2647


0.0000

231.9593, 0.3446,
0.2685


 0.0000, 0.0000,
0.0000


 25.4947, 0.3728,
0.2161


 25.4947, 0.3728,
0.2161


 22.5970, 0.3852,
0.2073


 29.5407, 0.3609,
0.2289


 20.7163, 0.3976,
0.2033


 34.8399, 0.3498,
0.2445


 19.6896, 0.4096,
0.2042


 41.4895, 0.3398,
0.2620

 19.4650, 0.4133,
0.2050


 49.5761, 0.3310,
0.2804

 59.1791, 0.3233,
0.2989

 70.3720, 0.3167,
0.3169

 83.2235, 0.3111,
0.3341

 94.5678, 0.3066,
0.3453

 94.9723, 0.3028,
0.3385

Harmonies

Analogous

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



25.4947, 0.2500, 0.1731



25.4947, 0.3728, 0.2161



25.4947, 0.4964, 0.2798

Triad

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



25.4947, 0.3728, 0.2161



25.4947, 0.4381, 0.5195



25.4947, 0.1203, 0.2301

Complementary

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



25.4947, 0.3728, 0.2161



59.5271, 0.2847, 0.4879

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.



25.4947, 0.1503, 0.3482



25.4947, 0.3728, 0.2161



25.4947, 0.3315, 0.5668

Square

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



25.4947, 0.3728, 0.2161



25.4947, 0.5225, 0.4343



25.4947, 0.2257, 0.5001



25.4947, 0.1272, 0.1728

Rectangle

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



25.4947, 0.3728, 0.2161



25.4947, 0.5440, 0.3280



25.4947, 0.2257, 0.5001



25.4947, 0.1257, 0.2622

Sweetspot

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



25.4960, 0.3728, 0.2161



70.7425, 0.3256, 0.2931



14.8462, 0.2120, 0.1281



14.4027, 0.3277, 0.2879



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.



25.4960, 0.3728, 0.2161



27.5844, 0.3895, 0.2054



23.1050, 0.4864, 0.2957



14.5396, 0.3182, 0.3125



11.0389, 0.4114, 0.2040



0.8317, 0.3951, 0.1950

Inverse Universe

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



25.4960, 0.3728, 0.2161



27.5844, 0.3895, 0.2054



62.1617, 0.2490, 0.3747



14.5396, 0.3182, 0.3125



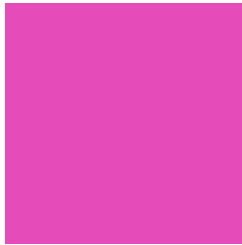
11.0389, 0.4114, 0.2040



0.8317, 0.3951, 0.1950

Previews

White Background



This preview shows how the Yxy color 25.4947, 0.3728, 0.2161 looks on a white background.

Color Contrast Check

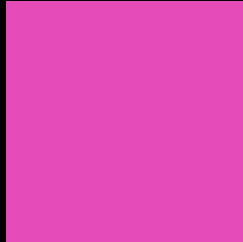
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4947, 0.3728, 0.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

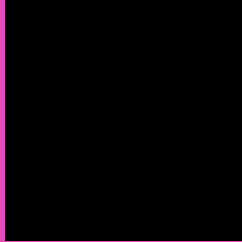
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4947, 0.3728, 0.2161

Background



This preview shows how black text looks on a background with the Yxy color 25.4947, 0.3728, 0.2161.



This preview shows how white text looks on a background with the Yxy color 25.4947, 0.3728, 0.2161.

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

25.4947, 0.3728, 0.2161

Protanopia

26.0312, 0.2115, 0.1938

Deuteranopia

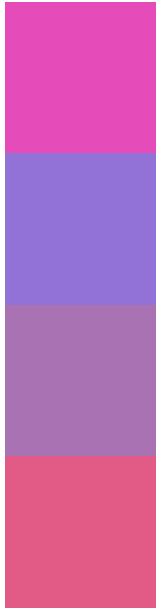
25.6484, 0.2712, 0.2659



Tritanopia

25.4433, 0.4722, 0.3217

Trichromacy



Original Color

25.4947, 0.3728, 0.2161

Protanomaly

23.0519, 0.2504, 0.1916

Deuteranomaly

23.6141, 0.3045, 0.2373

Tritanomaly

25.2023, 0.4375, 0.2804

Monochromacy



Original Color

25.4947, 0.3728, 0.2161

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.5452, 0.3352, 0.2698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4947, 0.3728, 0.2161 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(230, 76, 185)` looks like.

```
.text, #text, p{  
    color:rgb(230, 76, 185)  
}
```

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(230, 76, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 76, 185) }
```

Border

The CSS property to change the border of an element to Yxy 25.4947, 0.3728, 0.2161 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(230, 76, 185) }
```

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

```
.border{ border-color:rgb(230, 76, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 76, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 76, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 76, 185);  
box-shadow:4px 4px 4px 4px rgb(230, 76,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4947, 0.3728, 0.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 76, 185) }
```

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

```
.background{ background-color: rgb(230, 76,  
185) }
```

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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