

Converting Colors

$Y_{xy}(26.7598, 0.3760, 0.2350)$

Have a look what the booklet for
Yxy(26.7598, 0.3760, 0.2350)
contains.

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Color

Yxy(26.6640, 0.3752, 0.2341)

Conversions

Conversions Part 1

Format	Color
Hex	E15BB1
RGB	225, 91, 177
RGB Percent	88%, 36%, 69%
CMY	0.1176, 0.6432, 0.3058
CMYK	0.00, 0.60, 0.21, 0.12
HSL	321°, 69%, 62%
HSV	321°, 60%, 88%
XYZ	42.7353, 26.6640, 44.5007
YIQ	140.8700, 52.2580, 55.1540

Conversions

Conversions Part 2

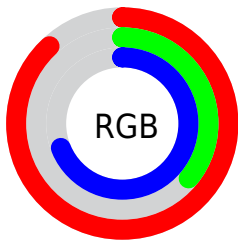
Format	Color
R _Y B	225, 91, 177
Decimal	14769073
CIE Lab	58.66, 61.23, -19.69
CIE LCh	59, 64.318, 342.169
Yxy	26.6640, 0.3752, 0.2341
Android (android.graphics.Color)	4292959153 (0xFFE15BB1)
YUV	140.8700, 17.8121, 73.7820
Hunter-Lab	51.6372, 57.3627, -14.9499

Details

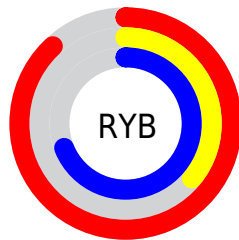
The Yxy color **26.6640, 0.3752, 0.2341** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **57.9498, 0.2814, 0.4543**, and the grayscale version is **26.4947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0106, 0.3365, 0.2434**, and **10.4410, 0.3938, 0.2076** is the 20% darker color. If you saturate the color by 10%, you get **23.0668, 0.3905, 0.2235**, and if you desaturate by 10%, it is **31.4357, 0.3610, 0.2479**.

Distribution



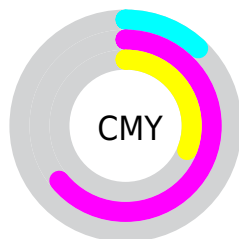
- Red (88%)
- Green (36%)
- Blue (69%)



- Red (88%)
- Yellow (36%)
- Blue (69%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (12%)



- Cyan (12%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6640, 0.3752, 0.2341 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 26.6640, 0.3752, 0.2341 by changing the saturation by 10% instead.


 26.6640, 0.3752,
0.2341


 26.6640, 0.3752,
0.2341


286.0266, 0.3432,
0.2817


 17.3210, 0.3834,
0.2223


 54.3442, 0.3634,
0.2514


 10.4636, 0.3940,
0.2073


 73.4503, 0.3590,
0.2579

 5.7074, 0.4081,
0.1875


 96.5795, 0.3554,
0.2634

 2.6680, 0.4280,
0.1607

 124.1162, 0.3522,
0.2681

 0.9610, 0.4576,
0.1230

156.4449, 0.3495,
0.2722

 0.0000, 0.5419,
0.0000

193.9499, 0.3471,

 0.0000, 0.9672,

0.2757

0.0000

237.0157, 0.3450,
0.2789

■ 0.0000, 0.0000,
0.0000

■ 26.6640, 0.3752,
0.2341

■ 26.6640, 0.3752,
0.2341

■ 23.0668, 0.3905,
0.2235

■ 31.4357, 0.3610,
0.2479

■ 20.5333, 0.4065,
0.2170

■ 37.4718, 0.3483,
0.2636

■ 18.9380, 0.4226,
0.2156

■ 44.8579, 0.3371,
0.2804

■ 18.0703, 0.4382,
0.2190


■ 53.6709, 0.3275,
0.2973


■ 18.0385, 0.4389,
0.2192

■ 63.9820, 0.3193,
0.3139

 75.8574, 0.3124,
0.3297

 89.3596, 0.3067,
0.3445

 93.9114, 0.3020,
0.3427

 94.4050, 0.2976,
0.3344

Harmonies

Analogous

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



26.6640, 0.2673, 0.1927



26.6640, 0.3752, 0.2341



26.6640, 0.4770, 0.2938

Triad

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



26.6640, 0.3752, 0.2341



26.6640, 0.4216, 0.5048



26.6640, 0.1405, 0.2392

Complementary

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



26.6640, 0.3752, 0.2341



57.9498, 0.2814, 0.4543

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.



26.6640, 0.1670, 0.3372



26.6640, 0.3752, 0.2341



26.6640, 0.3266, 0.5294

Square

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



26.6640, 0.3752, 0.2341



26.6640, 0.4954, 0.4361



26.6640, 0.2330, 0.4616



26.6640, 0.1488, 0.1892

Rectangle

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



26.6640, 0.3752, 0.2341



26.6640, 0.5150, 0.3390



26.6640, 0.2330, 0.4616



26.6640, 0.1452, 0.2663

Sweetspot

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



26.6653, 0.3752, 0.2341



73.1162, 0.3262, 0.2997



18.3106, 0.2328, 0.1533



14.8548, 0.3288, 0.2948



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.



26.6653, 0.3752, 0.2341



29.8759, 0.3936, 0.2219



24.6397, 0.4700, 0.3074



13.8479, 0.3192, 0.3141



10.4152, 0.4366, 0.2179



0.7388, 0.4141, 0.2055

Inverse Universe

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



26.6653, 0.3752, 0.2341



29.8759, 0.3936, 0.2219



60.4901, 0.2487, 0.3560



13.8479, 0.3192, 0.3141



10.4152, 0.4366, 0.2179



0.7388, 0.4141, 0.2055

Previews

White Background



This preview shows how the Yxy color 26.6640, 0.3752, 0.2341 looks on a white background.

Color Contrast Check

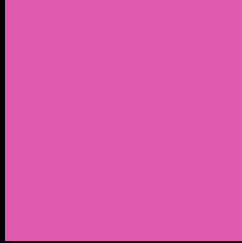
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6640, 0.3752, 0.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

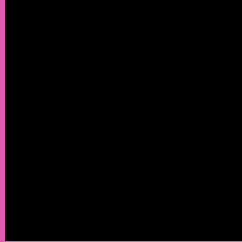
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6640, 0.3752, 0.2341

Background



This preview shows how black text looks on a background with the Yxy color 26.6640, 0.3752, 0.2341.



This preview shows how white text looks on a background with the Yxy color 26.6640, 0.3752, 0.2341.

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

26.6640, 0.3752, 0.2341

Protanopia

26.9823, 0.2330, 0.2210

Deuteranopia

26.7420, 0.2852, 0.2791



Tritanopia

26.5830, 0.4503, 0.3200

Trichromacy



Original Color

26.6640, 0.3752, 0.2341



Protanomaly

25.1571, 0.2725, 0.2205



Deuteranomaly

25.4625, 0.3150, 0.2555



Tritanomaly

26.4857, 0.4229, 0.2873

Monochromacy



Original Color

26.6640, 0.3752, 0.2341



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.2697, 0.3360, 0.2837

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6640, 0.3752, 0.2341 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, 91, 177)` looks like.

```
.text, #text, p{  
    color:rgb(225, 91, 177)  
}
```

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, 91, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 91, 177) }
```

Border

The CSS property to change the border of an element to Yxy 26.6640, 0.3752, 0.2341 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, 91, 177) }
```

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

```
.border{ border-color:rgb(225, 91, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 91, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 91, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 91, 177);  
box-shadow:4px 4px 4px 4px rgb(225, 91,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6640, 0.3752, 0.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 91, 177) }
```

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

```
.background{ background-color: rgb(225, 91,  
177) }
```

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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