

Converting Colors

$Y_{xy}(35.8723, 0.3572, 0.2669)$

Have a look what the booklet for
Yxy(35.8723, 0.3572, 0.2669)
contains.

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Color

Yxy(35.7429, 0.3578, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	E183B9
RGB	225, 131, 185
RGB Percent	88%, 51%, 73%
CMY	0.1178, 0.4862, 0.2746
CMYK	0.00, 0.42, 0.18, 0.12
HSL	326°, 61%, 70%
HSV	326°, 42%, 88%
XYZ	47.9161, 35.7429, 50.2597
YIQ	165.2620, 38.6900, 36.7220

Conversions

Conversions Part 2

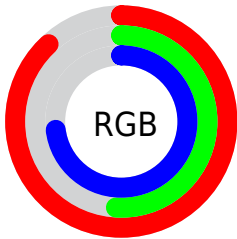
Format	Color
R_{YB}	225, 131, 185
Decimal	14779321
CIE _{Lab}	66.32, 43.10, -12.63
CIE _{LCh}	66, 44.912, 343.666
Yxy	35.7429, 0.3578, 0.2669
Android (android.graphics.Color)	4292969401 (0xFFE183B9)
YUV	165.2620, 9.7308, 52.3902
Hunter-Lab	59.7854, 38.4378, -7.9935

Details

The Yxy color **35.7429, 0.3578, 0.2669** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.6040, 0.2845, 0.4017**, and the grayscale version is **37.6992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7287, 0.3264, 0.2742**, and **15.5827, 0.3709, 0.2501** is the 20% darker color. If you saturate the color by 10%, you get **29.9510, 0.3736, 0.2530**, and if you desaturate by 10%, it is **42.8773, 0.3440, 0.2819**.

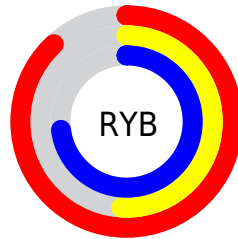
Distribution



Red (88%)

Green (51%)

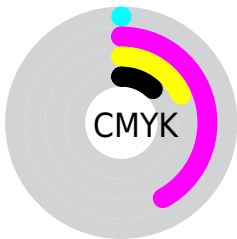
Blue (73%)



Red (88%)

Yellow (51%)

Blue (73%)

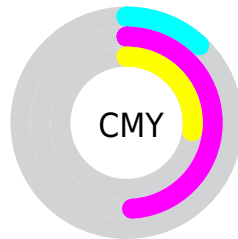


Cyan (0%)

Magenta (42%)

Yellow (18%)

Black (12%)



Cyan (12%)


Magenta (49%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7429, 0.3578, 0.2669 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 35.7429, 0.3578, 0.2669 by changing the saturation by 10% instead.


 35.7429, 0.3578,
0.2669


 35.7429, 0.3578,
0.2669


327.8354, 0.3351,
0.2977

 24.2357, 0.3635,
0.2593


 68.6351, 0.3495,
0.2780

 15.5086, 0.3709,
0.2497


 90.7888, 0.3464,
0.2822

 9.1771, 0.3807,
0.2370


 117.2602, 0.3438,
0.2858

 4.8569, 0.3944,
0.2196

148.4336, 0.3416,
0.2888

 2.1635, 0.4148,
0.1944

184.6934, 0.3396,
0.2915

 0.7000, 0.4495,
0.1530

226.4241, 0.3379,

 0.0000, 0.6020,

0.2938


0.0000

274.0099, 0.3364,
0.2958


 0.0000, 0.0000,
0.0000


 35.7429, 0.3578,
0.2669


 35.7429, 0.3578,
0.2669


 29.9510, 0.3736,
0.2530

 42.8773, 0.3440,
0.2819

 25.4104, 0.3914,
0.2411

 51.4279, 0.3323,
0.2972


 22.0262, 0.4106,
0.2327


 61.4687, 0.3223,
0.3122

 19.6877, 0.4307,
0.2287

 73.0673, 0.3140,
0.3266

 18.2622, 0.4508,
0.2300

 86.2869, 0.3071,
0.3400

 17.5934, 0.4669,
0.2346

 93.9606, 0.3015,
0.3417

 94.5527, 0.2962,
0.3319

 94.7431, 0.2946,
0.3289

Harmonies

Analogous

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



35.7429, 0.2880, 0.2357



35.7429, 0.3578, 0.2669



35.7429, 0.4195, 0.3117

Triad

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



35.7429, 0.3578, 0.2669



35.7429, 0.3892, 0.4486



35.7429, 0.1935, 0.2716

Complementary

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



35.7429, 0.3578, 0.2669



61.6040, 0.2845, 0.4017

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.



35.7429, 0.2142, 0.3341



35.7429, 0.3578, 0.2669



35.7429, 0.3252, 0.4501

Square

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



35.7429, 0.3578, 0.2669



35.7429, 0.4356, 0.4127



35.7429, 0.2612, 0.4052



35.7429, 0.1999, 0.2345

Rectangle

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



35.7429, 0.3578, 0.2669



35.7429, 0.4435, 0.3455



35.7429, 0.2612, 0.4052



35.7429, 0.1974, 0.2900

Sweetspot

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



35.7446, 0.3578, 0.2669



79.7670, 0.3235, 0.3103



30.2394, 0.2669, 0.2106



16.4142, 0.3257, 0.3070



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.



35.7446, 0.3578, 0.2669



40.7721, 0.3713, 0.2548



34.1026, 0.4112, 0.3200



13.8318, 0.3203, 0.3156



10.1647, 0.4640, 0.2330



0.7224, 0.4360, 0.2175

Inverse Universe

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



35.7446, 0.3578, 0.2669



40.7721, 0.3713, 0.2548



63.6802, 0.2598, 0.3388



13.8318, 0.3203, 0.3156



10.1647, 0.4640, 0.2330



0.7224, 0.4360, 0.2175

Previews

White Background



This preview shows how the Yxy color 35.7429, 0.3578, 0.2669 looks on a white background.

Color Contrast Check

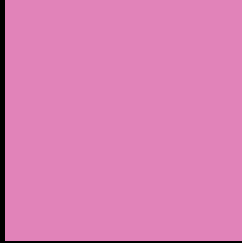
Large Text (above 18pt) WCAG AA × Fail

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 35.7429, 0.3578, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

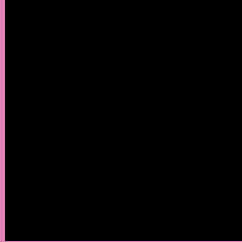
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7429, 0.3578, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 35.7429, 0.3578, 0.2669.



This preview shows how white text looks on a background with the Yxy color 35.7429, 0.3578, 0.2669.

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

35.7429, 0.3578, 0.2669

Protanopia

36.1287, 0.2687, 0.2670

Deuteranopia

35.8442, 0.3038, 0.2970



Tritanopia

35.6872, 0.3933, 0.3172

Trichromacy



Original Color

35.7429, 0.3578, 0.2669



Protanomaly

35.0371, 0.2967, 0.2645



Deuteranomaly

35.3760, 0.3218, 0.2844



Tritanomaly

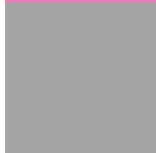
35.4308, 0.3806, 0.2982

Monochromacy



Original Color

35.7429, 0.3578, 0.2669



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

36.3258, 0.3288, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7429, 0.3578, 0.2669 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, 131, 185)` looks like.

```
.text, #text, p{  
    color:rgb(225, 131, 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(225, 131, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 131, 185) }
```

Border

The CSS property to change the border of an element to Yxy 35.7429, 0.3578, 0.2669 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, 131, 185) }
```

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

```
.border{ border-color:rgb(225, 131, 185) }
```

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

Here you see how a box with a 4 pixel rgb(225, 131, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 131, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 131, 185);  
box-shadow:4px 4px 4px 4px rgb(225, 131,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7429, 0.3578, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 131, 185) }
```

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

```
.background{ background-color: rgb(225,  
131, 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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