

Converting Colors

$Y_{xy}(35.4073, 0.3632, 0.2575)$

Have a look what the booklet for
Yxy(35.4073, 0.3632, 0.2575)
contains.

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Color

Yxy(35.4131, 0.3629, 0.2571)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E97CBD |
| RGB | 233, 124, 189 |
| RGB Percent | 91%, 49%, 74% |
| CMY | 0.0864, 0.5136, 0.2588 |
| CMYK | 0.00, 0.47, 0.19, 0.09 |
| HSL | 324°, 71%, 70% |
| HSV | 324°, 47%, 91% |
| XYZ | 49.9861, 35.4131, 52.3414 |
| YIQ | 164.0010, 44.0990, 43.3230 |

Conversions

Conversions Part 2

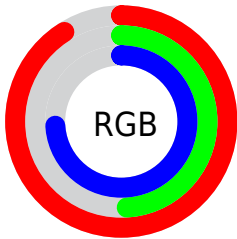
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 233, 124, 189 |
| Decimal | 15301821 |
| CIE Lab | 66.07, 49.84, -15.17 |
| CIE LCh | 66, 52.102, 343.068 |
| Yxy | 35.4131, 0.3629, 0.2571 |
| Android (android.graphics.Color) | 4293491901 (0xFFE97CBD) |
| YUV | 164.0010, 12.3245, 60.5121 |
| Hunter-Lab | 59.5089, 45.7951, -10.4926 |

Details

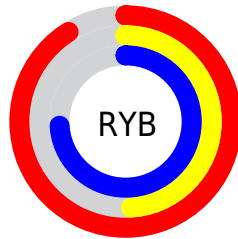
The Yxy color **35.4131, 0.3629, 0.2571** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **65.3683, 0.2832, 0.4158**, and the grayscale version is **37.0528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0928, 0.3238, 0.2635**, and **15.2719, 0.3767, 0.2366** is the 20% darker color. If you saturate the color by 10%, you get **29.8522, 0.3788, 0.2436**, and if you desaturate by 10%, it is **42.3829, 0.3489, 0.2722**.

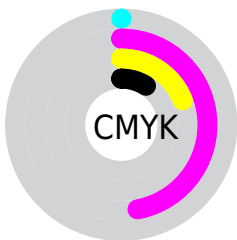
Distribution



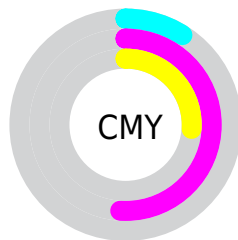
- Red (91%)
- Green (49%)
- Blue (74%)



- Red (91%)
- Yellow (49%)
- Blue (74%)



- Cyan (0%)
- Magenta (47%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4131, 0.3629, 0.2571 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 35.4131, 0.3629, 0.2571 by changing the saturation by 10% instead.


 35.4131, 0.3629,
0.2571


 35.4131, 0.3629,
0.2571

326.3880, 0.3378,
0.2924


 23.9813, 0.3691,
0.2485


 68.1252, 0.3538,
0.2698

 15.3197, 0.3771,
0.2377


 90.1743, 0.3504,
0.2746

 9.0441, 0.3877,
0.2235


 116.5313, 0.3475,
0.2787

 4.7699, 0.4024,
0.2043

147.5805, 0.3450,
0.2822

 2.1129, 0.4239,
0.1771

183.7064, 0.3428,
0.2852

 0.6719, 0.4596,
0.1333

225.2933, 0.3410,

 0.0000, 0.5777,

0.2879

0.0000

272.7257, 0.3393,
0.2903

■ 0.0000, 0.0000,
0.0000

■ 35.4131, 0.3629,
0.2571

■ 35.4131, 0.3629,
0.2571

■ 29.8522, 0.3788,
0.2436

■ 42.3829, 0.3489,
0.2722

■ 25.5961, 0.3962,
0.2329

■ 50.8461, 0.3368,
0.2881

■ 22.5343, 0.4147,
0.2261


■ 60.8864, 0.3264,
0.3038

■ 20.5356, 0.4336,
0.2243


■ 72.5796, 0.3178,
0.3191

■ 19.4329, 0.4520,
0.2278

■ 85.9969, 0.3105,
0.3336

 19.1784, 0.4580,
0.2297

 95.4540, 0.3046,
0.3385

 96.0443, 0.2994,
0.3291

 96.0563, 0.2993,
0.3290

Harmonies

Analogous

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



35.4131, 0.2821, 0.2226



35.4131, 0.3629, 0.2571



35.4131, 0.4359, 0.3068

Triad

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



35.4131, 0.3629, 0.2571



35.4131, 0.4001, 0.4660



35.4131, 0.1773, 0.2625

Complementary

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



35.4131, 0.3629, 0.2571



65.3683, 0.2832, 0.4158

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.



35.4131, 0.2003, 0.3354



35.4131, 0.3629, 0.2571



35.4131, 0.3267, 0.4724

Square

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



35.4131, 0.3629, 0.2571



35.4131, 0.4541, 0.4212



35.4131, 0.2535, 0.4206



35.4131, 0.1841, 0.2210

Rectangle

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



35.4131, 0.3629, 0.2571



35.4131, 0.4642, 0.3444



35.4131, 0.2535, 0.4206



35.4131, 0.1816, 0.2836

Sweetspot

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



35.4148, 0.3629, 0.2571



78.4062, 0.3240, 0.3080



28.5868, 0.2581, 0.1943



16.1485, 0.3260, 0.3046



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.



35.4148, 0.3629, 0.2571



36.9404, 0.3780, 0.2442



33.4882, 0.4276, 0.3170



15.2049, 0.3200, 0.3150



10.9120, 0.4553, 0.2282



0.8758, 0.4316, 0.2151

Inverse Universe

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



35.4148, 0.3629, 0.2571



36.9404, 0.3780, 0.2442



67.8185, 0.2557, 0.3425



15.2049, 0.3200, 0.3150



10.9120, 0.4553, 0.2282



0.8758, 0.4316, 0.2151

Previews

White Background



This preview shows how the Yxy color 35.4131, 0.3629, 0.2571 looks on a white background.

Color Contrast Check

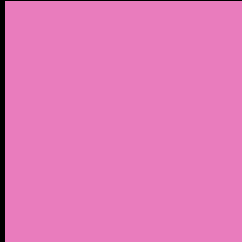
Large Text (above 18pt) WCAG AA × Fail

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 35.4131, 0.3629, 0.2571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

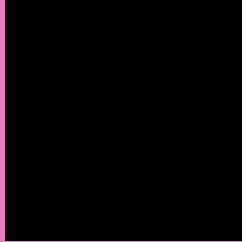
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4131, 0.3629, 0.2571

Background



This preview shows how black text looks on a background with the Yxy color 35.4131, 0.3629, 0.2571.



This preview shows how white text looks on a background with the Yxy color 35.4131, 0.3629, 0.2571.

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

35.4131, 0.3629, 0.2571

Protanopia

35.7114, 0.2592, 0.2553

Deuteranopia

35.6398, 0.2984, 0.2928



Tritanopia

35.2522, 0.4085, 0.3176

Trichromacy



Original Color

35.4131, 0.3629, 0.2571



Protanomaly

34.3824, 0.2916, 0.2536



Deuteranomaly

34.7007, 0.3202, 0.2769



Tritanomaly

35.3263, 0.3917, 0.2947

Monochromacy



Original Color

35.4131, 0.3629, 0.2571



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

35.3308, 0.3304, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4131, 0.3629, 0.2571 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(233, 124, 189)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 189)  
}
```

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(233, 124, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 189) }
```

Border

The CSS property to change the border of an element to Yxy 35.4131, 0.3629, 0.2571 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(233, 124, 189) }
```

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

```
.border{ border-color:rgb(233, 124, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 124, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 124, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 124, 189);  
box-shadow:4px 4px 4px 4px rgb(233, 124,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4131, 0.3629, 0.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 124, 189) }
```

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

```
.background{ background-color: rgb(233,  
124, 189) }
```

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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