

Converting Colors

$Y_{xy}(35.5702, 0.3655, 0.2707)$

Have a look what the booklet for
Yxy(35.5702, 0.3655, 0.2707)
contains.

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Color

Yxy(35.6324, 0.3645, 0.2706)

Conversions

Conversions Part 1

Format	Color
Hex	E382B5
RGB	227, 130, 181
RGB Percent	89%, 51%, 71%
CMY	0.1098, 0.4901, 0.2903
CMYK	0.00, 0.43, 0.20, 0.11
HSL	328°, 63%, 70%
HSV	328°, 43%, 89%
XYZ	47.9971, 35.6324, 48.0498
YIQ	164.8170, 41.4410, 36.4250

Conversions

Conversions Part 2

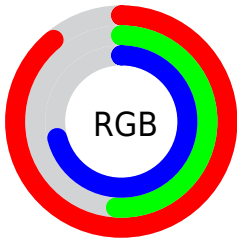
Format	Color
R_{YB}	227, 130, 181
Decimal	14910133
CIE _{Lab}	66.24, 43.69, -10.48
CIE _{LCh}	66, 44.928, 346.514
Yxy	35.6324, 0.3645, 0.2706
Android (android.graphics.Color)	4293100213 (0xFFE382B5)
YUV	164.8170, 7.9782, 54.5345
Hunter-Lab	59.6929, 39.0634, -5.9404

Details

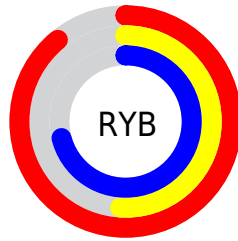
The Yxy color **35.6324, 0.3645, 0.2706** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.8158, 0.2814, 0.3971**, and the grayscale version is **37.4821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0723, 0.3296, 0.2769**, and **15.5533, 0.3806, 0.2552** is the 20% darker color. If you saturate the color by 10%, you get **29.8210, 0.3827, 0.2579**, and if you desaturate by 10%, it is **42.8132, 0.3488, 0.2844**.

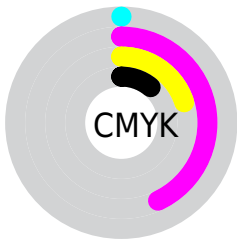
Distribution



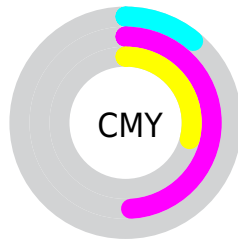
- Red (89%)
- Green (51%)
- Blue (71%)



- Red (89%)
- Yellow (51%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (11%)




- Cyan (11%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6324, 0.3645, 0.2706 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 35.6324, 0.3645, 0.2706 by changing the saturation by 10% instead.


 35.6324, 0.3645,
0.2706


 35.6324, 0.3645,
0.2706


327.3510, 0.3382,
0.2997


 24.1504, 0.3712,
0.2634


 68.4643, 0.3548,
0.2811

 15.4452, 0.3799,
0.2542


 90.5830, 0.3512,
0.2851

 9.1325, 0.3915,
0.2420


 117.0161, 0.3482,
0.2885

 4.8277, 0.4080,
0.2251

148.1480, 0.3456,
0.2914

 2.1465, 0.4329,
0.2005

184.3630, 0.3434,
0.2939

 0.6906, 0.4760,
0.1591

226.0456, 0.3414,

 0.0000, 0.7062,

0.2961

0.0000

273.5801, 0.3397,
0.2980

0.0000, 0.0000,
0.0000

35.6324, 0.3645,
0.2706

35.6324, 0.3645,
0.2706

29.8210, 0.3827,
0.2579

42.8132, 0.3488,
0.2844

25.2846, 0.4031,
0.2474

51.4397, 0.3355,
0.2985

21.9249, 0.4254,
0.2404

61.5881, 0.3243,
0.3123

19.6266, 0.4486,
0.2380

73.3283, 0.3150,
0.3255

18.2509, 0.4716,
0.2410

86.7255, 0.3073,
0.3379

■ 17.6679, 0.4878,
0.2461

■ 94.4786, 0.3009,
0.3384

■ 95.0693, 0.2958,
0.3290

Harmonies

Analogous

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



35.6324, 0.2943, 0.2378



35.6324, 0.3645, 0.2706



35.6324, 0.4241, 0.3163

Triad

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



35.6324, 0.3645, 0.2706



35.6324, 0.3837, 0.4507



35.6324, 0.1928, 0.2668

Complementary

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



35.6324, 0.3645, 0.2706



62.8158, 0.2814, 0.3971

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.



35.6324, 0.2109, 0.3274



35.6324, 0.3645, 0.2706



35.6324, 0.3188, 0.4480

Square

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



35.6324, 0.3645, 0.2706



35.6324, 0.4326, 0.4170



35.6324, 0.2557, 0.3991



35.6324, 0.2017, 0.2322

Rectangle

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



35.6324, 0.3645, 0.2706



35.6324, 0.4456, 0.3505



35.6324, 0.2557, 0.3991



35.6324, 0.1958, 0.2844

Sweetspot

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



35.6341, 0.3645, 0.2706



79.6708, 0.3246, 0.3118



30.6605, 0.2698, 0.2089



16.3905, 0.3270, 0.3088



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.



35.6341, 0.3645, 0.2706



39.7777, 0.3800, 0.2596



33.9993, 0.4204, 0.3255



14.4939, 0.3210, 0.3167



10.3288, 0.4846, 0.2443



0.7820, 0.4542, 0.2276

Inverse Universe

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



35.6341, 0.3645, 0.2706



39.7777, 0.3800, 0.2596



65.0486, 0.2564, 0.3329



14.4939, 0.3210, 0.3167



10.3288, 0.4846, 0.2443



0.7820, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 35.6324, 0.3645, 0.2706 looks on a white background.

Color Contrast Check

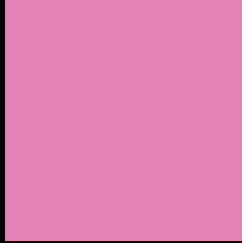
Large Text (above 18pt) WCAG AA × Fail

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 35.6324, 0.3645, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

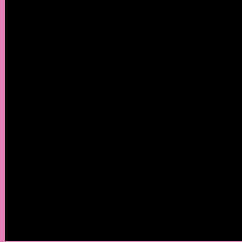
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6324, 0.3645, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 35.6324, 0.3645, 0.2706.



This preview shows how white text looks on a background with the Yxy color 35.6324, 0.3645, 0.2706.

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

35.6324, 0.3645, 0.2706

Protanopia

36.0341, 0.2724, 0.2721

Deuteranopia

35.7946, 0.3082, 0.3025



Tritanopia

35.6859, 0.3969, 0.3173

Trichromacy



Original Color

35.6324, 0.3645, 0.2706



Protanomaly

34.9736, 0.3011, 0.2695



Deuteranomaly

35.1582, 0.3277, 0.2884



Tritanomaly

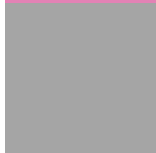
35.4007, 0.3853, 0.2996

Monochromacy



Original Color

35.6324, 0.3645, 0.2706



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

36.0881, 0.3309, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6324, 0.3645, 0.2706 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(227, 130, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 130, 181)  
}
```

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(227, 130, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 130, 181) }
```

Border

The CSS property to change the border of an element to Yxy 35.6324, 0.3645, 0.2706 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(227, 130, 181) }
```

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

```
.border{ border-color:rgb(227, 130, 181) }
```

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

Here you see how a box with a 4 pixel rgb(227, 130, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 130, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 130, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 130,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6324, 0.3645, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 130, 181) }
```

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

```
.background{ background-color: rgb(227,  
130, 181) }
```

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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