

Converting Colors

$Y_{xy}(35.4327, 0.3656, 0.2654)$

Have a look what the booklet for
Yxy(35.4327, 0.3656, 0.2654)
contains.

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Color

Yxy(35.4206, 0.3660, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	E67FB7
RGB	230, 127, 183
RGB Percent	90%, 50%, 72%
CMY	0.0980, 0.5020, 0.2823
CMYK	0.00, 0.45, 0.20, 0.10
HSL	327°, 67%, 70%
HSV	327°, 45%, 90%
XYZ	48.7733, 35.4206, 49.0665
YIQ	164.1810, 43.4120, 39.2520

Conversions

Conversions Part 2

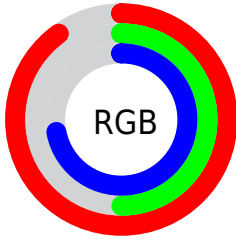
Format	Color
R _Y B	230, 127, 183
Decimal	15105975
CIE Lab	66.07, 46.53, -11.83
CIE LCh	66, 48.008, 345.740
Yxy	35.4206, 0.3660, 0.2658
Android (android.graphics.Color)	4293296055 (0xFFE67FB7)
YUV	164.1810, 9.2778, 57.7233
Hunter-Lab	59.5152, 42.1309, -7.2201

Details

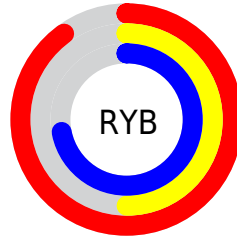
The Yxy color **35.4206, 0.3660, 0.2658** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.1702, 0.2812, 0.4037**, and the grayscale version is **37.1551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9479, 0.3283, 0.2720**, and **15.2799, 0.3813, 0.2480** is the 20% darker color. If you saturate the color by 10%, you get **29.7231, 0.3838, 0.2531**, and if you desaturate by 10%, it is **42.5101, 0.3504, 0.2799**.

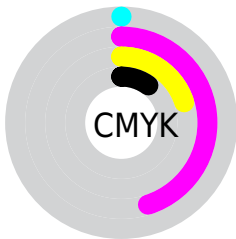
Distribution



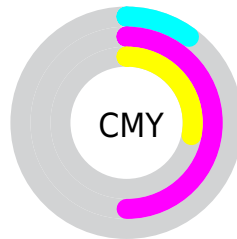
- Red (90%)
- Green (50%)
- Blue (72%)



- Red (90%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (10%)




- Cyan (10%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4206, 0.3660, 0.2658 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 35.4206, 0.3660, 0.2658 by changing the saturation by 10% instead.

 35.4206, 0.3660,
0.2658


 35.4206, 0.3660,
0.2658

326.4210, 0.3390,
0.2972

 23.9870, 0.3728,
0.2581


 68.1368, 0.3561,
0.2771

 15.3240, 0.3817,
0.2482


 90.1883, 0.3524,
0.2814

 9.0471, 0.3935,
0.2353

 116.5479, 0.3493,
0.2850

 4.7719, 0.4101,
0.2175

147.5999, 0.3467,
0.2881

 2.1141, 0.4350,
0.1917

183.7289, 0.3444,
0.2908

 0.6725, 0.4779,
0.1486

225.3191, 0.3423,


 0.0000, 0.6715,

0.2932


0.0000


272.7550, 0.3406,
0.2953


 0.0000, 0.0000,
0.0000


 35.4206, 0.3660,
0.2658


 35.4206, 0.3660,
0.2658


 29.7231, 0.3838,
0.2531


 42.5101, 0.3504,
0.2799


 25.3183, 0.4038,
0.2428


 51.0719, 0.3372,
0.2944


 22.1018, 0.4252,
0.2363


 61.1861, 0.3260,
0.3088


 19.9505, 0.4474,
0.2346


 72.9255, 0.3166,
0.3227

 18.7138, 0.4691,
0.2383

 86.3585, 0.3089,
0.3357

 18.3073, 0.4802,
0.2419

 94.9983, 0.3025,
0.3380

 95.5655, 0.2976,
0.3290

Harmonies

Analogous

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



35.4206, 0.2909, 0.2317



35.4206, 0.3660, 0.2658



35.4206, 0.4308, 0.3136

Triad

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



35.4206, 0.3660, 0.2658



35.4206, 0.3893, 0.4583



35.4206, 0.1858, 0.2634

Complementary

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



35.4206, 0.3660, 0.2658



64.1702, 0.2812, 0.4037

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.



35.4206, 0.2053, 0.3287



35.4206, 0.3660, 0.2658



35.4206, 0.3203, 0.4580

Square

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



35.4206, 0.3660, 0.2658



35.4206, 0.4411, 0.4205



35.4206, 0.2530, 0.4064



35.4206, 0.1945, 0.2266

Rectangle

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



35.4206, 0.3660, 0.2658



35.4206, 0.4544, 0.3494



35.4206, 0.2530, 0.4064



35.4206, 0.1890, 0.2823

Sweetspot

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



35.4223, 0.3660, 0.2658



79.7066, 0.3242, 0.3113



29.8166, 0.2655, 0.2021



16.3993, 0.3265, 0.3081



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.



35.4223, 0.3660, 0.2658



37.8654, 0.3829, 0.2536



33.6733, 0.4265, 0.3234



14.4984, 0.3208, 0.3163



10.3880, 0.4770, 0.2401



0.7863, 0.4480, 0.2241

Inverse Universe

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



35.4223, 0.3660, 0.2658



37.8654, 0.3829, 0.2536



66.5427, 0.2551, 0.3353



14.4984, 0.3208, 0.3163



10.3880, 0.4770, 0.2401



0.7863, 0.4480, 0.2241

Previews

White Background



This preview shows how the Yxy color 35.4206, 0.3660, 0.2658 looks on a white background.

Color Contrast Check

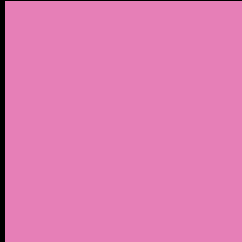
Large Text (above 18pt) WCAG AA × Fail

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 35.4206, 0.3660, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

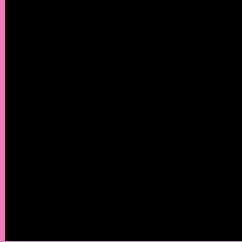
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4206, 0.3660, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 35.4206, 0.3660, 0.2658.



This preview shows how white text looks on a background with the Yxy color 35.4206, 0.3660, 0.2658.

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

35.4206, 0.3660, 0.2658

Protanopia

35.6881, 0.2678, 0.2655

Deuteranopia

35.7633, 0.3055, 0.2997



Tritanopia

35.5103, 0.4044, 0.3187

Trichromacy



Original Color

35.4206, 0.3660, 0.2658

Protanomaly

34.4824, 0.2985, 0.2632

Deuteranomaly

34.9294, 0.3259, 0.2846

Tritanomaly

35.3020, 0.3902, 0.2988

Monochromacy



Original Color

35.4206, 0.3660, 0.2658

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.7649, 0.3310, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4206, 0.3660, 0.2658 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, 127, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 127, 183)  
}
```

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, 127, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 127, 183) }
```

Border

The CSS property to change the border of an element to Yxy 35.4206, 0.3660, 0.2658 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, 127, 183) }
```

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

```
.border{ border-color:rgb(230, 127, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 127, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 127, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 127, 183); box-shadow:4px 4px 4px 4px rgb(230, 127, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4206, 0.3660, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 127, 183) }
```

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

```
.background{ background-color: rgb(230,  
127, 183) }
```

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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