

Converting Colors

Yxy(42.9248, 0.3447, 0.2663)

Have a look what the booklet for
Yxy(42.9248, 0.3447, 0.2663)
contains.

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Color

Yxy(42.8892, 0.3454, 0.2665)

Conversions

Conversions Part 1

Format	Color
Hex	EB93CC
RGB	235, 147, 204
RGB Percent	92%, 58%, 80%
CMY	0.0785, 0.4235, 0.2001
CMYK	0.00, 0.37, 0.13, 0.08
HSL	321°, 69%, 75%
HSV	321°, 37%, 92%
XYZ	55.5870, 42.8892, 62.4589
YIQ	179.8100, 34.1510, 36.3830

Conversions

Conversions Part 2

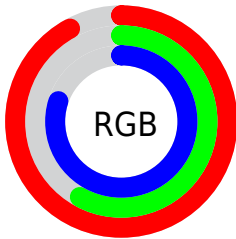
Format	Color
R _Y B	235, 147, 204
Decimal	15438796
CIE Lab	71.48, 41.07, -15.35
CIE LCh	71, 43.841, 339.503
Yxy	42.8892, 0.3454, 0.2665
Android (android.graphics.Color)	4293628876 (0xFFEB93CC)
YUV	179.8100, 11.9257, 48.4016
Hunter-Lab	65.4898, 36.9014, -10.7031

Details

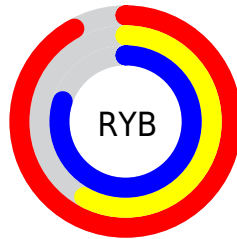
The Yxy color $42.8892, 0.3454, 0.2665$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $68.8276, 0.2904, 0.4016$, and the grayscale version is $45.4570, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.7211, 0.3151, 0.2772$, and $19.6724, 0.3540, 0.2499$ is the 20% darker color. If you saturate the color by 10%, you get $35.9263, 0.3576, 0.2503$, and if you desaturate by 10%, it is $51.3697, 0.3347, 0.2835$.

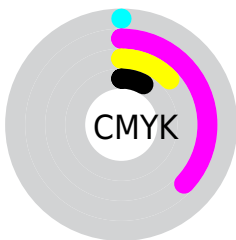
Distribution



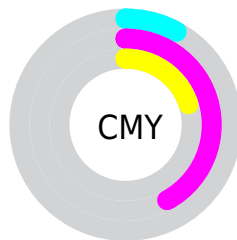
- Red (92%)
- Green (58%)
- Blue (80%)



- Red (92%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (37%)
- Yellow (13%)
- Black (8%)





- Cyan (8%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8892, 0.3454, 0.2665 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 42.8892, 0.3454, 0.2665 by changing the saturation by 10% instead.


 42.8892, 0.3454,
0.2665


 42.8892, 0.3454,
0.2665


358.1559, 0.3297,
0.2965

 29.7982, 0.3492,
0.2594

 79.5436, 0.3398,
0.2771

 19.6855, 0.3539,
0.2505


 103.8758, 0.3377,
0.2812

 12.1666, 0.3600,
0.2391


132.7239, 0.3358,
0.2846

 6.8573, 0.3682,
0.2238

166.4722, 0.3343,
0.2876

 3.3730, 0.3797,
0.2025

205.5052, 0.3329,
0.2903

 1.3294, 0.3969,
0.1710

250.2072, 0.3317,

 0.1638, 0.4536,

0.2926

0.0619

300.9626, 0.3306,
0.2946

0.0000, 0.6962,
0.0000

0.0000, 0.0000,
0.0000

42.8892, 0.3454,
0.2665

42.8892, 0.3454,
0.2665

35.9263, 0.3576,
0.2503

51.3697, 0.3347,
0.2835

30.3834, 0.3713,
0.2359

61.4461, 0.3255,
0.3006

26.1605, 0.3862,
0.2244

73.1980, 0.3177,
0.3172

23.1421, 0.4019,
0.2170

86.6982, 0.3111,
0.3330

■ 21.1927, 0.4177,
0.2144

■ 95.7960, 0.3059,
0.3385

■ 20.1325, 0.4331,
0.2170

■ 96.3144, 0.3013,
0.3303

■ 19.9312, 0.4370,
0.2181

■ 96.3994, 0.3005,
0.3290

Harmonies

Analogous

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



42.8892, 0.2820, 0.2395



42.8892, 0.3454, 0.2665



42.8892, 0.4043, 0.3071

Triad

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



42.8892, 0.3454, 0.2665



42.8892, 0.3913, 0.4363



42.8892, 0.2032, 0.2834

Complementary

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



42.8892, 0.3454, 0.2665



68.8276, 0.2904, 0.4016

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.



42.8892, 0.2264, 0.3433



42.8892, 0.3454, 0.2665



42.8892, 0.3335, 0.4419

Square

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



42.8892, 0.3454, 0.2665



42.8892, 0.4301, 0.4014



42.8892, 0.2732, 0.4062



42.8892, 0.2056, 0.2450

Rectangle

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



42.8892, 0.3454, 0.2665



42.8892, 0.4296, 0.3385



42.8892, 0.2732, 0.4062



42.8892, 0.2081, 0.3015

Sweetspot

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



42.8912, 0.3454, 0.2665



82.7702, 0.3204, 0.3113



36.3127, 0.2678, 0.2223



17.2997, 0.3214, 0.3090



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.



42.8912, 0.3454, 0.2665



44.9724, 0.3548, 0.2538



41.0783, 0.3906, 0.3142



15.2184, 0.3192, 0.3139



11.1195, 0.4347, 0.2168



0.8913, 0.4148, 0.2059

Inverse Universe

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



42.8912, 0.3454, 0.2665



44.9724, 0.3548, 0.2538



70.8747, 0.2671, 0.3449



15.2184, 0.3192, 0.3139



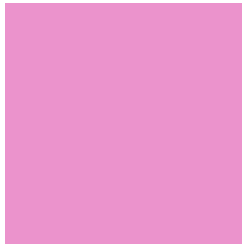
11.1195, 0.4347, 0.2168



0.8913, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 42.8892, 0.3454, 0.2665 looks on a white background.

Color Contrast Check

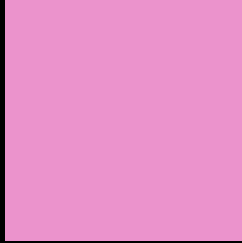
Large Text (above 18pt) WCAG AA × Fail

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 42.8892, 0.3454, 0.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

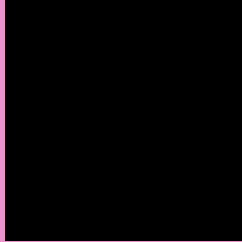
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8892, 0.3454, 0.2665

Background



This preview shows how black text looks on a background with the Yxy color 42.8892, 0.3454, 0.2665.



This preview shows how white text looks on a background with the Yxy color 42.8892, 0.3454, 0.2665.

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

42.8892, 0.3454, 0.2665

Protanopia

43.3326, 0.2682, 0.2676

Deuteranopia

43.1197, 0.2980, 0.2917



Tritanopia

42.8533, 0.3782, 0.3154

Trichromacy



Original Color

42.8892, 0.3454, 0.2665



Protanomaly

42.2760, 0.2930, 0.2662



Deuteranomaly

42.4752, 0.3150, 0.2813



Tritanomaly

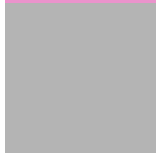
42.5843, 0.3657, 0.2961

Monochromacy



Original Color

42.8892, 0.3454, 0.2665



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9587, 0.3239, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8892, 0.3454, 0.2665 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(235, 147, 204)` looks like.

```
.text, #text, p{  
    color:rgb(235, 147, 204)  
}
```

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(235, 147, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 147, 204) }
```

Border

The CSS property to change the border of an element to Yxy 42.8892, 0.3454, 0.2665 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(235, 147, 204) }
```

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

```
.border{ border-color:rgb(235, 147, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 147, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 147, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 147, 204);  
box-shadow:4px 4px 4px 4px rgb(235, 147,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8892, 0.3454, 0.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 147, 204) }
```

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

```
.background{ background-color: rgb(235,  
147, 204) }
```

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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