

Converting Colors

$Y_{xy}(44.6122, 0.3423, 0.2758)$

Have a look what the booklet for
Yxy(44.6122, 0.3423, 0.2758)
contains.

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Color

Yxy(44.6959, 0.3424, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	E79BCA
RGB	231, 155, 202
RGB Percent	91%, 61%, 79%
CMY	0.0940, 0.3922, 0.2077
CMYK	0.00, 0.33, 0.13, 0.09
HSL	323°, 61%, 76%
HSV	323°, 33%, 91%
XYZ	55.3486, 44.6959, 61.6044
YIQ	183.0820, 30.2090, 30.7290

Conversions

Conversions Part 2

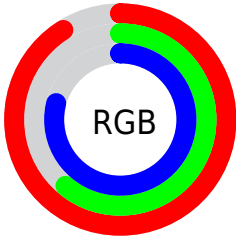
Format	Color
R_{YB}	231, 155, 202
Decimal	15178698
CIE _{Lab}	72.69, 35.25, -12.50
CIE _{LCh}	73, 37.396, 340.471
Yxy	44.6959, 0.3424, 0.2765
Android (android.graphics.Color)	4293368778 (0xFFE79BCA)
YUV	183.0820, 9.3266, 42.0241
Hunter-Lab	66.8550, 30.7821, -7.8350

Details

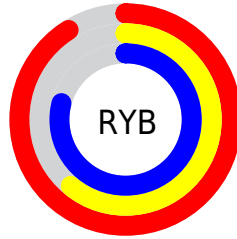
The Yxy color $44.6959, 0.3424, 0.2765$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $67.6004, 0.2916, 0.3884$, and the grayscale version is $47.3385, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5732, 0.3148, 0.2851$, and $20.8373, 0.3497, 0.2635$ is the 20% darker color. If you saturate the color by 10%, you get $37.3250, 0.3549, 0.2605$, and if you desaturate by 10%, it is $53.5658, 0.3316, 0.2929$.

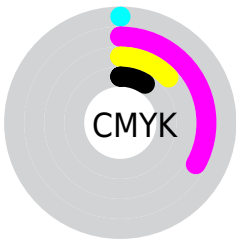
Distribution



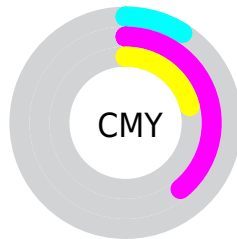
- Red (91%)
- Green (61%)
- Blue (79%)



- Red (91%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (33%)
- Yellow (13%)
- Black (9%)




- Cyan (9%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6959, 0.3424, 0.2765 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 44.6959, 0.3424, 0.2765 by changing the saturation by 10% instead.

 44.6959, 0.3424,
0.2765


 44.6959, 0.3424,
0.2765


365.5405, 0.3280,
0.3018

 31.2180, 0.3459,
0.2705


 82.2639, 0.3373,
0.2855

 20.7649, 0.3502,
0.2629


 107.1227, 0.3353,
0.2889

 12.9522, 0.3559,
0.2532


136.5440, 0.3337,
0.2918

 7.3957, 0.3635,
0.2401

170.9121, 0.3322,
0.2943

 3.7108, 0.3744,
0.2216

210.6114, 0.3310,
0.2966

 1.5131, 0.3910,
0.1939

256.0263, 0.3299,

 0.2979, 0.4379,

0.2985

0.1105

307.5412, 0.3289,
0.3002

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.6959, 0.3424,
0.2765

44.6959, 0.3424,
0.2765

37.3250, 0.3549,
0.2605

53.5658, 0.3316,
0.2929

31.3624, 0.3691,
0.2458

64.0065, 0.3224,
0.3091

26.7170, 0.3849,
0.2334

76.0924, 0.3147,
0.3246

23.2845, 0.4018,
0.2245

89.8914, 0.3083,
0.3393

■ 20.9444, 0.4193,
0.2202

■ 95.1746, 0.3031,
0.3379

■ 19.5515, 0.4367,
0.2212

■ 95.7290, 0.2982,
0.3291

■ 18.9758, 0.4487,
0.2245

■ 95.7353, 0.2982,
0.3290

Harmonies

Analogous

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



44.6959, 0.2887, 0.2525



44.6959, 0.3424, 0.2765



44.6959, 0.3910, 0.3123

Triad

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



44.6959, 0.3424, 0.2765



44.6959, 0.3788, 0.4206



44.6959, 0.2186, 0.2901

Complementary

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



44.6959, 0.3424, 0.2765



67.6004, 0.2916, 0.3884

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.



44.6959, 0.2385, 0.3399



44.6959, 0.3424, 0.2765



44.6959, 0.3297, 0.4223

Square

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



44.6959, 0.3424, 0.2765



44.6959, 0.4116, 0.3932



44.6959, 0.2784, 0.3915



44.6959, 0.2212, 0.2571

Rectangle

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



44.6959, 0.3424, 0.2765



44.6959, 0.4116, 0.3397



44.6959, 0.2784, 0.3915



44.6959, 0.2228, 0.3053

Sweetspot

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



44.6979, 0.3424, 0.2765



84.1850, 0.3201, 0.3136



39.2601, 0.2755, 0.2369



17.5799, 0.3212, 0.3114



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.



44.6979, 0.3424, 0.2765



49.0052, 0.3514, 0.2647



43.1534, 0.3788, 0.3175



14.5171, 0.3196, 0.3146



10.6591, 0.4461, 0.2231



0.8056, 0.4229, 0.2103

Inverse Universe

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



44.6979, 0.3424, 0.2765



49.0052, 0.3514, 0.2647



69.3550, 0.2712, 0.3411



14.5171, 0.3196, 0.3146



10.6591, 0.4461, 0.2231



0.8056, 0.4229, 0.2103

Previews

White Background



This preview shows how the Yxy color 44.6959, 0.3424, 0.2765 looks on a white background.

Color Contrast Check

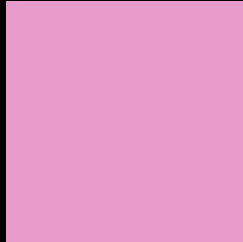
Large Text (above 18pt) WCAG AA × Fail

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 44.6959, 0.3424, 0.2765 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 44.6959, 0.3424, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 44.6959, 0.3424, 0.2765.



This preview shows how white text looks on a background with the Yxy color 44.6959, 0.3424, 0.2765.

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

44.6959, 0.3424, 0.2765

Protanopia

45.0001, 0.2770, 0.2781

Deuteranopia

44.9604, 0.3038, 0.2974



Tritanopia

44.6527, 0.3665, 0.3141

Trichromacy



Original Color

44.6959, 0.3424, 0.2765



Protanomaly

44.3359, 0.2979, 0.2763



Deuteranomaly

44.5041, 0.3173, 0.2889



Tritanomaly

44.5724, 0.3572, 0.2993

Monochromacy



Original Color

44.6959, 0.3424, 0.2765



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.8842, 0.3226, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6959, 0.3424, 0.2765 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(231, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(231, 155, 202)  
}
```

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(231, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 155, 202) }
```

Border

The CSS property to change the border of an element to Yxy 44.6959, 0.3424, 0.2765 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(231, 155, 202) }
```

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

```
.border{ border-color:rgb(231, 155, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(231, 155,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6959, 0.3424, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 155, 202) }
```

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

```
.background{ background-color: rgb(231,  
155, 202) }
```

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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