

Converting Colors

$Y_{xy}(44.6243, 0.3590, 0.2918)$

Have a look what the booklet for
Yxy(44.6243, 0.3590, 0.2918)
contains.

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Color

Yxy(44.7357, 0.3596, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	EB9BBC
RGB	235, 155, 188
RGB Percent	92%, 61%, 74%
CMY	0.0785, 0.3921, 0.2627
CMYK	0.00, 0.34, 0.20, 0.08
HSL	335°, 67%, 76%
HSV	335°, 34%, 92%
XYZ	55.0546, 44.7357, 53.3093
YIQ	182.6820, 37.0870, 27.2230

Conversions

Conversions Part 2

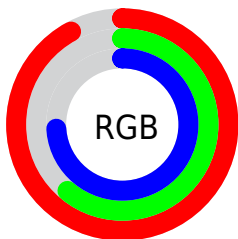
Format	Color
R _Y B	235, 155, 188
Decimal	15440828
CIE Lab	72.72, 34.39, -4.67
CIE LCh	73, 34.707, 352.266
Yxy	44.7357, 0.3596, 0.2922
Android (android.graphics.Color)	4293630908 (0xFFEB9BBC)
YUV	182.6820, 2.6218, 45.8829
Hunter-Lab	66.8848, 29.8798, -0.4367

Details

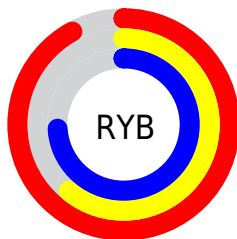
The Yxy color **44.7357, 0.3596, 0.2922** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.6404, 0.2818, 0.3695**, and the grayscale version is **47.1422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8848, 0.3223, 0.2954**, and **20.9147, 0.3727, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **37.0946, 0.3800, 0.2813**, and if you desaturate by 10%, it is **53.9598, 0.3425, 0.3034**.

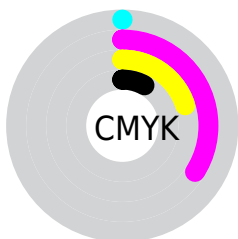
Distribution



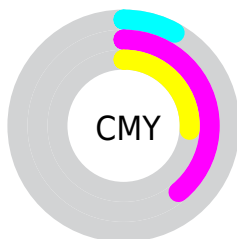
- Red (92%)
- Green (61%)
- Blue (74%)



- Red (92%)
- Yellow (61%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (8%)




- Cyan (8%)
- Magenta (39%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7357, 0.3596, 0.2922 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 44.7357, 0.3596, 0.2922 by changing the saturation by 10% instead.


 44.7357, 0.3596,
0.2922


 44.7357, 0.3596,
0.2922

365.7021, 0.3362,
0.3103

 31.2493, 0.3654,
0.2878


 82.3237, 0.3511,
0.2987

 20.7888, 0.3729,
0.2821


 107.1940, 0.3479,
0.3012

 12.9697, 0.3827,
0.2748


136.6278, 0.3452,
0.3033

 7.4077, 0.3964,
0.2646

171.0094, 0.3429,
0.3051

 3.7183, 0.4167,
0.2499

210.7232, 0.3409,
0.3066

 1.5173, 0.4497,
0.2268

256.1537, 0.3392,

 0.3008, 0.5482,

0.3080

0.1423

307.6852, 0.3376,
0.3092

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.7357, 0.3596,
0.2922

44.7357, 0.3596,
0.2922

37.0946, 0.3800,
0.2813

53.9598, 0.3425,
0.3034

30.9399, 0.4038,
0.2716

64.8435, 0.3284,
0.3144

26.1744, 0.4308,
0.2641

77.4662, 0.3168,
0.3250

22.6863, 0.4603,
0.2602

91.9001, 0.3073,
0.3348

■ 20.3463, 0.4908,
0.2610

■ 96.3990, 0.3005,
0.3290

■ 18.9971, 0.5200,
0.2672

■ 18.5207, 0.5364,
0.2729

Harmonies

Analogous

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



44.7357, 0.3097, 0.2647



44.7357, 0.3596, 0.2922



44.7357, 0.3980, 0.3287

Triad

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



44.7357, 0.3596, 0.2922



44.7357, 0.3577, 0.4180



44.7357, 0.2232, 0.2788

Complementary

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



44.7357, 0.3596, 0.2922



70.6404, 0.2818, 0.3695

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.



44.7357, 0.2338, 0.3200



44.7357, 0.3596, 0.2922



44.7357, 0.3096, 0.4073

Square

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



44.7357, 0.3596, 0.2922



44.7357, 0.3954, 0.4011



44.7357, 0.2645, 0.3692



44.7357, 0.2339, 0.2553

Rectangle

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



44.7357, 0.3596, 0.2922



44.7357, 0.4100, 0.3549



44.7357, 0.2645, 0.3692



44.7357, 0.2244, 0.2908

Sweetspot

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



44.7378, 0.3596, 0.2922



83.8681, 0.3235, 0.3187



41.9546, 0.2881, 0.2371



17.5032, 0.3252, 0.3172



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.



44.7378, 0.3596, 0.2922



47.0925, 0.3738, 0.2843



45.7540, 0.3904, 0.3368



15.1571, 0.3228, 0.3193



10.3334, 0.5324, 0.2706



0.8301, 0.4963, 0.2508

Inverse Universe

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



44.7378, 0.3596, 0.2922



47.0925, 0.3738, 0.2843



68.6290, 0.2635, 0.3209



15.1571, 0.3228, 0.3193



10.3334, 0.5324, 0.2706



0.8301, 0.4963, 0.2508

Previews

White Background



This preview shows how the Yxy color 44.7357, 0.3596, 0.2922 looks on a white background.

Color Contrast Check

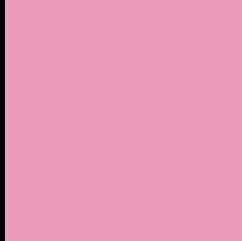
Large Text (above 18pt) WCAG AA × Fail

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 44.7357, 0.3596, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

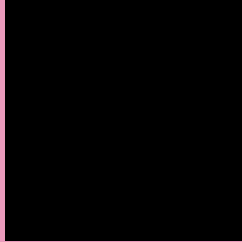
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7357, 0.3596, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 44.7357, 0.3596, 0.2922.



This preview shows how white text looks on a background with the Yxy color 44.7357, 0.3596, 0.2922.

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

44.7357, 0.3596, 0.2922

Protanopia

45.2190, 0.2917, 0.2980

Deuteranopia

44.7274, 0.3206, 0.3138



Tritanopia

44.6796, 0.3748, 0.3155

Trichromacy



Original Color

44.7357, 0.3596, 0.2922

Protanomaly

44.6510, 0.3143, 0.2956

Deuteranomaly

44.2275, 0.3342, 0.3047

Tritanomaly

44.7807, 0.3691, 0.3065

Monochromacy



Original Color

44.7357, 0.3596, 0.2922

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.9465, 0.3286, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7357, 0.3596, 0.2922 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, 155, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 155, 188)  
}
```

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, 155, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 155, 188) }
```

Border

The CSS property to change the border of an element to Yxy 44.7357, 0.3596, 0.2922 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, 155, 188) }
```

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

```
.border{ border-color:rgb(235, 155, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 155, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 155, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 155, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 155,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7357, 0.3596, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 155, 188) }
```

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

```
.background{ background-color: rgb(235,  
155, 188) }
```

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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