

Converting Colors

$Y_{xy}(44.2915, 0.3564, 0.2971)$

Have a look what the booklet for
Yxy(44.2915, 0.3564, 0.2971)
contains.

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Color

Yxy(44.2747, 0.3564, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	E59DB9
RGB	229, 157, 185
RGB Percent	90%, 62%, 73%
CMY	0.1022, 0.3842, 0.2746
CMYK	0.00, 0.31, 0.19, 0.10
HSL	337°, 58%, 76%
HSV	337°, 31%, 90%
XYZ	53.1118, 44.2747, 51.6364
YIQ	181.7200, 33.9240, 23.9720

Conversions

Conversions Part 2

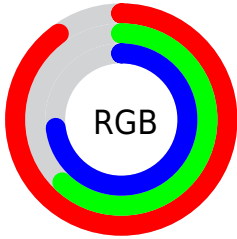
Format	Color
R _Y B	229, 157, 185
Decimal	15048121
CIE Lab	72.41, 30.75, -3.53
CIE LCh	72, 30.950, 353.448
Yxy	44.2747, 0.3564, 0.2971
Android (android.graphics.Color)	4293238201 (0xFFE59DB9)
YUV	181.7200, 1.6170, 41.4646
Hunter-Lab	66.5392, 26.0354, 0.5667

Details

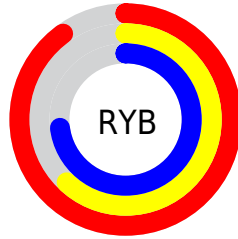
The Yxy color **44.2747, 0.3564, 0.2971** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.3950, 0.2830, 0.3636**, and the grayscale version is **46.5966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6978, 0.3243, 0.3003**, and **20.5397, 0.3685, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **36.6778, 0.3767, 0.2867**, and if you desaturate by 10%, it is **53.3854, 0.3395, 0.3077**.

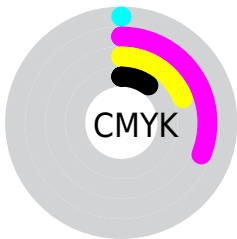
Distribution



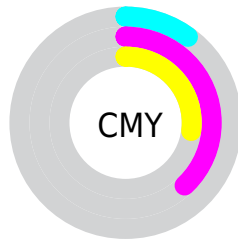
- Red (90%)
- Green (62%)
- Blue (73%)



- Red (90%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (31%)
- Yellow (19%)
- Black (10%)



- Cyan (10%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2747, 0.3564, 0.2971 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 44.2747, 0.3564, 0.2971 by changing the saturation by 10% instead.


 44.2747, 0.3564,
0.2971

 44.2747, 0.3564,
0.2971


363.8281, 0.3345,
0.3129

 30.8865, 0.3619,
0.2932


 81.6309, 0.3484,
0.3028

 20.5125, 0.3689,
0.2882


 106.3678, 0.3455,
0.3050

 12.7681, 0.3783,
0.2817


135.6563, 0.3429,
0.3068

 7.2691, 0.3913,
0.2726

169.8809, 0.3408,
0.3084

 3.6309, 0.4108,
0.2593

209.4260, 0.3389,
0.3097

 1.4693, 0.4428,
0.2379

254.6760, 0.3373,

 0.2670, 0.5578,

0.3109

0.1467

306.0152, 0.3358,
0.3120

0.0000, 0.0000,
0.0000

44.2747, 0.3564,
0.2971

44.2747, 0.3564,
0.2971

36.6778, 0.3767,
0.2867

53.3854, 0.3395,
0.3077

30.5056, 0.4006,
0.2772

64.0804, 0.3256,
0.3180

25.6692, 0.4281,
0.2695

76.4328, 0.3141,
0.3277

22.0671, 0.4585,
0.2650

90.5097, 0.3048,
0.3367

19.5827, 0.4903,
0.2649

95.3861, 0.2970,
0.3290

■ 18.0771, 0.5213,
0.2701

■ 95.3885, 0.2969,
0.3290

■ 17.3695, 0.5458,
0.2780

Harmonies

Analogous

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



44.2747, 0.3120, 0.2716



44.2747, 0.3564, 0.2971



44.2747, 0.3898, 0.3306

Triad

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



44.2747, 0.3564, 0.2971



44.2747, 0.3518, 0.4085



44.2747, 0.2319, 0.2831

Complementary

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



44.2747, 0.3564, 0.2971



67.3950, 0.2830, 0.3636

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.



44.2747, 0.2409, 0.3197



44.2747, 0.3564, 0.2971



44.2747, 0.3086, 0.3975

Square

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



44.2747, 0.3564, 0.2971



44.2747, 0.3861, 0.3951



44.2747, 0.2682, 0.3632



44.2747, 0.2424, 0.2622

Rectangle

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



44.2747, 0.3564, 0.2971



44.2747, 0.3999, 0.3543



44.2747, 0.2682, 0.3632



44.2747, 0.2327, 0.2938

Sweetspot

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



44.2768, 0.3564, 0.2971



85.3505, 0.3227, 0.3203



42.0842, 0.2916, 0.2451



17.7972, 0.3245, 0.3188



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.



44.2768, 0.3564, 0.2971



49.7226, 0.3698, 0.2900



45.7162, 0.3817, 0.3376



14.4603, 0.3232, 0.3199



9.9586, 0.5418, 0.2758



0.7537, 0.5027, 0.2543

Inverse Universe

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



44.2768, 0.3564, 0.2971



49.7226, 0.3698, 0.2900



64.9363, 0.2668, 0.3202



14.4603, 0.3232, 0.3199



9.9586, 0.5418, 0.2758



0.7537, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 44.2747, 0.3564, 0.2971 looks on a white background.

Color Contrast Check

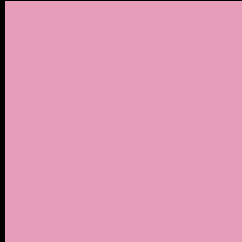
Large Text (above 18pt) WCAG AA × Fail

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 44.2747, 0.3564, 0.2971 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 44.2747, 0.3564, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 44.2747, 0.3564, 0.2971.



This preview shows how white text looks on a background with the Yxy color 44.2747, 0.3564, 0.2971.

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

44.2747, 0.3564, 0.2971

Protanopia

44.7056, 0.2962, 0.3030

Deuteranopia

44.2199, 0.3232, 0.3163



Tritanopia

44.1057, 0.3668, 0.3140

Trichromacy



Original Color

44.2747, 0.3564, 0.2971

Protanomaly

44.2018, 0.3159, 0.3002

Deuteranomaly

44.1781, 0.3349, 0.3094

Tritanomaly

44.1220, 0.3631, 0.3072

Monochromacy



Original Color

44.2747, 0.3564, 0.2971

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.4482, 0.3276, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2747, 0.3564, 0.2971 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(229, 157, 185)` looks like.

```
.text, #text, p{  
    color:rgb(229, 157, 185)  
}
```

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(229, 157, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 157, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.2747, 0.3564, 0.2971 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(229, 157, 185) }
```

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

```
.border{ border-color:rgb(229, 157, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 157, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 157, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 157, 185);  
box-shadow:4px 4px 4px 4px rgb(229, 157,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2747, 0.3564, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 157, 185) }
```

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

```
.background{ background-color: rgb(229,  
157, 185) }
```

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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