

Converting Colors

$Y_{xy}(44.5941, 0.3639, 0.3077)$

Have a look what the booklet for
Yxy(44.5941, 0.3639, 0.3077)
contains.

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Color

Yxy(44.6286, 0.3638, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	E59FB1
RGB	229, 159, 177
RGB Percent	90%, 62%, 69%
CMY	0.1020, 0.3764, 0.3059
CMYK	0.00, 0.31, 0.23, 0.10
HSL	345°, 57%, 76%
HSV	345°, 31%, 90%
XYZ	52.6455, 44.6286, 47.4360
YIQ	181.9820, 35.9420, 20.4380

Conversions

Conversions Part 2

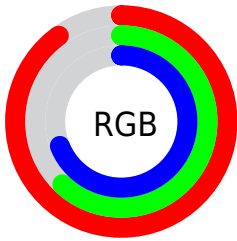
Format	Color
R_{YB}	229, 159, 177
Decimal	15048625
CIE _{Lab}	72.65, 28.53, 1.22
CIE _{LCh}	73, 28.553, 2.454
Yxy	44.6286, 0.3638, 0.3084
Android (android.graphics.Color)	4293238705 (0xFFE59FB1)
YUV	181.9820, -2.4561, 41.2348
Hunter-Lab	66.8046, 23.7592, 4.6632

Details

The Yxy color **44.6286, 0.3638, 0.3084** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.1097, 0.2786, 0.3509**, and the grayscale version is **46.7690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2363, 0.3297, 0.3101**, and **20.7667, 0.3776, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **36.8339, 0.3886, 0.3015**, and if you desaturate by 10%, it is **53.9709, 0.3434, 0.3154**.

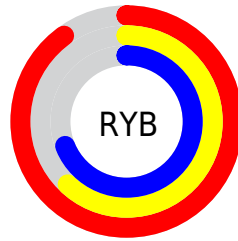
Distribution



Red (90%)

Green (62%)

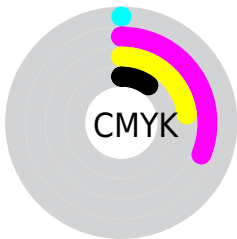
Blue (69%)



Red (90%)

Yellow (62%)

Blue (69%)

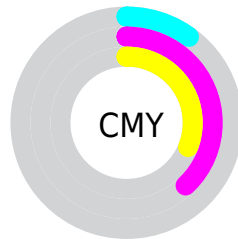


Cyan (0%)

Magenta (31%)

Yellow (23%)

Black (10%)



Cyan (10%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6286, 0.3638, 0.3084 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 44.6286, 0.3638, 0.3084 by changing the saturation by 10% instead.

 44.6286, 0.3638,
0.3084

 44.6286, 0.3638,
0.3084


365.2673, 0.3380,
0.3189

 31.1650, 0.3703,
0.3057


 82.1628, 0.3544,
0.3122

 20.7245, 0.3787,
0.3023


 107.0022, 0.3509,
0.3137

 12.9228, 0.3899,
0.2976


136.4023, 0.3479,
0.3149

 7.3754, 0.4056,
0.2911

170.7475, 0.3454,
0.3159

 3.6980, 0.4293,
0.2811

210.4222, 0.3432,
0.3168

 1.5061, 0.4687,
0.2643

255.8108, 0.3412,

 0.2930, 0.6510,

0.3176

0.1942

307.2977, 0.3395,
0.3183

0.0000, 0.0000,
0.0000

44.6286, 0.3638,
0.3084

44.6286, 0.3638,
0.3084

36.8339, 0.3886,
0.3015

53.9709, 0.3434,
0.3154

30.4967, 0.4182,
0.2953

64.9319, 0.3268,
0.3222

25.5274, 0.4526,
0.2906

77.5860, 0.3134,
0.3287

21.8236, 0.4905,
0.2885

92.0009, 0.3025,
0.3346

19.2685, 0.5295,
0.2902

95.3969, 0.2970,
0.3290

■ 17.7232, 0.5656,
0.2961

■ 16.9714, 0.5940,
0.3046

Harmonies

Analogous

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



44.6286, 0.3247, 0.2818



44.6286, 0.3638, 0.3084



44.6286, 0.3891, 0.3407

Triad

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



44.6286, 0.3638, 0.3084



44.6286, 0.3374, 0.4014



44.6286, 0.2389, 0.2793

Complementary

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



44.6286, 0.3638, 0.3084



68.1097, 0.2786, 0.3509

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.



44.6286, 0.2419, 0.3094



44.6286, 0.3638, 0.3084



44.6286, 0.2971, 0.3840

Square

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



44.6286, 0.3638, 0.3084



44.6286, 0.3725, 0.3957



44.6286, 0.2626, 0.3486



44.6286, 0.2539, 0.2646

Rectangle

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



44.6286, 0.3638, 0.3084



44.6286, 0.3937, 0.3624



44.6286, 0.2626, 0.3486



44.6286, 0.2379, 0.2878

Sweetspot

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



44.6307, 0.3638, 0.3084



85.1716, 0.3246, 0.3232



44.2063, 0.3002, 0.2494



17.7533, 0.3268, 0.3223



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.



44.6307, 0.3638, 0.3084



50.1266, 0.3798, 0.3038



49.9523, 0.3760, 0.3481



14.4285, 0.3252, 0.3230



9.7207, 0.5902, 0.3025



0.7332, 0.5487, 0.2796

Inverse Universe

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



44.6307, 0.3638, 0.3084



50.1266, 0.3798, 0.3038



60.4480, 0.2666, 0.3090



14.4285, 0.3252, 0.3230



9.7207, 0.5902, 0.3025



0.7332, 0.5487, 0.2796

Previews

White Background



This preview shows how the Yxy color 44.6286, 0.3638, 0.3084 looks on a white background.

Color Contrast Check

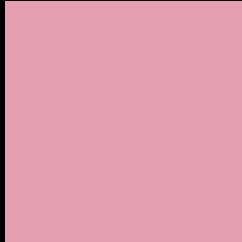
Large Text (above 18pt) WCAG AA × Fail

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 44.6286, 0.3638, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

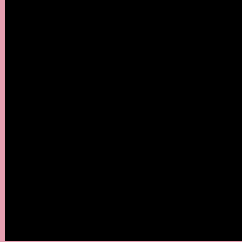
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6286, 0.3638, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 44.6286, 0.3638, 0.3084.



This preview shows how white text looks on a background with the Yxy color 44.6286, 0.3638, 0.3084.

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

44.6286, 0.3638, 0.3084

Protanopia

45.0553, 0.3056, 0.3159

Deuteranopia

44.8134, 0.3336, 0.3278



Tritanopia

44.6141, 0.3675, 0.3152

Trichromacy



Original Color

44.6286, 0.3638, 0.3084

Protanomaly

44.4568, 0.3252, 0.3127

Deuteranomaly

44.6557, 0.3447, 0.3205

Tritanomaly

44.6916, 0.3655, 0.3129

Monochromacy



Original Color

44.6286, 0.3638, 0.3084

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7095, 0.3301, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6286, 0.3638, 0.3084 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, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(229, 159, 177)  
}
```

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, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 159, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.6286, 0.3638, 0.3084 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, 159, 177) }
```

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

```
.border{ border-color:rgb(229, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(229, 159,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6286, 0.3638, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 159, 177) }
```

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

```
.background{ background-color: rgb(229,  
159, 177) }
```

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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