

Converting Colors

Yxy(51.2864, 0.3530, 0.3086)

Have a look what the booklet for
Yxy(51.2864, 0.3530, 0.3086)
contains.

Yxy(51.3109, 0.3530, 0.3091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.3109, 0.3530, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	EBADBF
RGB	235, 173, 191
RGB Percent	92%, 68%, 75%
CMY	0.0786, 0.3215, 0.2511
CMYK	0.00, 0.26, 0.19, 0.08
HSL	343°, 61%, 80%
HSV	343°, 26%, 92%
XYZ	58.5983, 51.3109, 56.0917
YIQ	193.5900, 31.1740, 18.7420

Conversions

Conversions Part 2

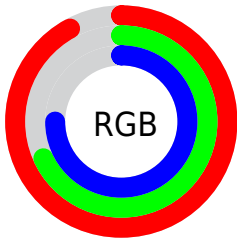
Format	Color
R _Y B	235, 173, 191
Decimal	15445439
CIE Lab	76.87, 25.26, -0.21
CIE LCh	77, 25.264, 359.518
Yxy	51.3109, 0.3530, 0.3091
Android (android.graphics.Color)	4293635519 (0xFFEBADBF)
YUV	193.5900, -1.2769, 36.3166
Hunter-Lab	71.6316, 20.6668, 3.7146

Details

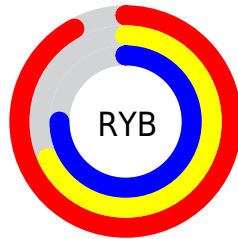
The Yxy color **51.3109, 0.3530, 0.3091** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.2957, 0.2839, 0.3500**, and the grayscale version is **53.6878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0140, 0.3190, 0.3115**, and **24.7329, 0.3633, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **42.3858, 0.3748, 0.3012**, and if you desaturate by 10%, it is **61.9090, 0.3351, 0.3170**.

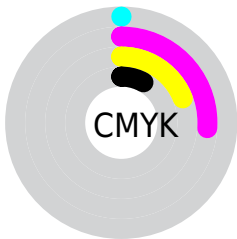
Distribution



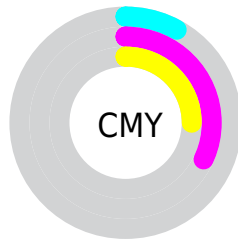
- Red (92%)
- Green (68%)
- Blue (75%)



- Red (92%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (26%)
- Yellow (19%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3109, 0.3530, 0.3091 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 51.3109, 0.3530, 0.3091 by changing the saturation by 10% instead.

 51.3109, 0.3530,
0.3091

 51.3109, 0.3530,
0.3091


391.7705, 0.3332,
0.3189

 36.4561, 0.3578,
0.3067


 92.1142, 0.3459,
0.3126

 24.7867, 0.3640,
0.3037

118.8314, 0.3432,
0.3140

 15.9182, 0.3721,
0.2997


150.2716, 0.3409,
0.3151

 9.4663, 0.3833,
0.2942

186.8191, 0.3389,
0.3161

 5.0465, 0.3995,
0.2862

228.8584, 0.3372,
0.3169

 2.2746, 0.4253,
0.2735

276.7738, 0.3357,

 0.7602, 0.4739,

0.3176

0.2495

330.9497, 0.3344,
0.3183

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3109, 0.3530,
0.3091

51.3109, 0.3530,
0.3091

42.3858, 0.3748,
0.3012

61.9090, 0.3351,
0.3170

35.0409, 0.4011,
0.2937

74.2527, 0.3205,
0.3245

29.1851, 0.4320,
0.2875

88.4187, 0.3087,
0.3315

24.7149, 0.4668,
0.2835

96.3967, 0.3005,
0.3290

■ 21.5136, 0.5041,
0.2830

■ 19.4449, 0.5407,
0.2869

■ 18.3389, 0.5731,
0.2953

■ 18.0753, 0.5836,
0.2988

Harmonies

Analogous

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



51.3109, 0.3196, 0.2869



51.3109, 0.3530, 0.3091



51.3109, 0.3757, 0.3367

Triad

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



51.3109, 0.3530, 0.3091



51.3109, 0.3372, 0.3901



51.3109, 0.2493, 0.2892

Complementary

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



51.3109, 0.3530, 0.3091



73.2957, 0.2839, 0.3500

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.



51.3109, 0.2535, 0.3159



51.3109, 0.3530, 0.3091



51.3109, 0.3031, 0.3772

Square

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



51.3109, 0.3530, 0.3091



51.3109, 0.3658, 0.3843



51.3109, 0.2727, 0.3489



51.3109, 0.2608, 0.2748

Rectangle

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



51.3109, 0.3530, 0.3091



51.3109, 0.3810, 0.3553



51.3109, 0.2727, 0.3489



51.3109, 0.2489, 0.2969

Sweetspot

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



51.3133, 0.3530, 0.3091



86.7697, 0.3228, 0.3233



50.5498, 0.3006, 0.2603



18.0737, 0.3248, 0.3221



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.



51.3133, 0.3530, 0.3091



55.3343, 0.3651, 0.3045



55.5453, 0.3658, 0.3430



15.1259, 0.3247, 0.3222



10.0820, 0.5795, 0.2966



0.8079, 0.5401, 0.2749

Inverse Universe

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



51.3133, 0.3530, 0.3091



55.3343, 0.3651, 0.3045



67.4338, 0.2728, 0.3145



15.1259, 0.3247, 0.3222



10.0820, 0.5795, 0.2966



0.8079, 0.5401, 0.2749

Previews

White Background



This preview shows how the Yxy color 51.3109, 0.3530, 0.3091 looks on a white background.

Color Contrast Check

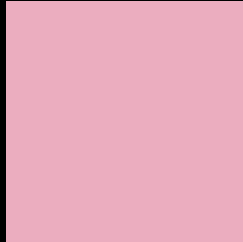
Large Text (above 18pt) WCAG AA × Fail

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 51.3109, 0.3530, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

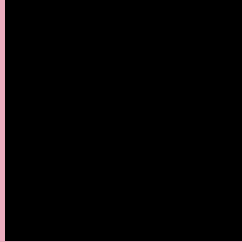
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3109, 0.3530, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 51.3109, 0.3530, 0.3091.



This preview shows how white text looks on a background with the Yxy color 51.3109, 0.3530, 0.3091.

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

51.3109, 0.3530, 0.3091

Protanopia

51.5125, 0.3053, 0.3154

Deuteranopia

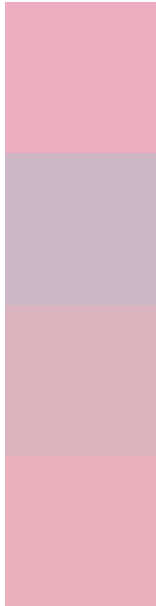
51.5104, 0.3300, 0.3231



Tritanopia

51.5221, 0.3564, 0.3146

Trichromacy



Original Color

51.3109, 0.3530, 0.3091

Protanomaly

51.0200, 0.3211, 0.3123

Deuteranomaly

51.2656, 0.3376, 0.3174

Tritanomaly

51.5651, 0.3555, 0.3135

Monochromacy



Original Color

51.3109, 0.3530, 0.3091

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.5234, 0.3265, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3109, 0.3530, 0.3091 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, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(235, 173, 191)  
}
```

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, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 173, 191) }
```

Border

The CSS property to change the border of an element to Yxy 51.3109, 0.3530, 0.3091 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, 173, 191) }
```

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

```
.border{ border-color:rgb(235, 173, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(235, 173,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3109, 0.3530, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 173, 191) }
```

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

```
.background{ background-color: rgb(235,  
173, 191) }
```

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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