

Converting Colors

$Y_{xy}(50.2908, 0.3531, 0.3198)$

Have a look what the booklet for
Yxy(50.2908, 0.3531, 0.3198)
contains.

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Color

Yxy(50.4097, 0.3526, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	E3AFB7
RGB	227, 175, 183
RGB Percent	89%, 69%, 72%
CMY	0.1097, 0.3137, 0.2823
CMYK	0.00, 0.23, 0.19, 0.11
HSL	351°, 48%, 79%
HSV	351°, 23%, 89%
XYZ	55.5626, 50.4097, 51.6073
YIQ	191.4600, 28.4240, 13.5120

Conversions

Conversions Part 2

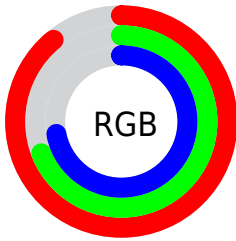
Format	Color
R_{YB}	227, 175, 183
Decimal	14921655
CIE _{Lab}	76.32, 20.14, 3.24
CIE _{LCh}	76, 20.399, 9.128
Yxy	50.4097, 0.3526, 0.3199
Android (android.graphics.Color)	4293111735 (0xFFE3AFB7)
YUV	191.4600, -4.1708, 31.1686
Hunter-Lab	70.9998, 15.4397, 6.6040

Details

The Yxy color **50.4097, 0.3526, 0.3199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.1804, 0.2834, 0.3384**, and the grayscale version is **52.3961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6438, 0.3240, 0.3212**, and **24.1887, 0.3642, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **41.5596, 0.3771, 0.3157**, and if you desaturate by 10%, it is **60.8591, 0.3328, 0.3240**.

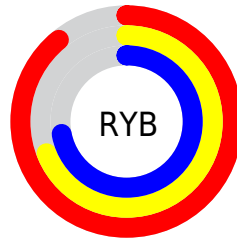
Distribution



Red (89%)

Green (69%)

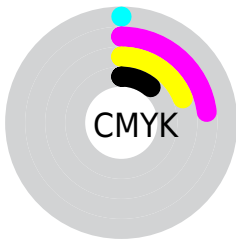
Blue (72%)



Red (89%)

Yellow (69%)

Blue (72%)

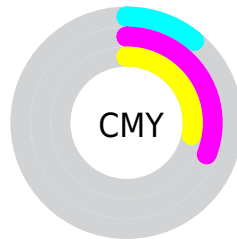


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4097, 0.3526, 0.3199 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 50.4097, 0.3526, 0.3199 by changing the saturation by 10% instead.

 50.4097, 0.3526,
0.3199

 50.4097, 0.3526,
0.3199


388.2660, 0.3328,
0.3246

 35.7390, 0.3575,
0.3187


 90.7816, 0.3455,
0.3216

 24.2327, 0.3637,
0.3171


117.2517, 0.3428,
0.3223

 15.5063, 0.3720,
0.3151


148.4236, 0.3405,
0.3228

 9.1755, 0.3834,
0.3121

184.6819, 0.3385,
0.3233

 4.8558, 0.4002,
0.3075

226.4109, 0.3368,
0.3237

 2.1629, 0.4273,
0.2998

273.9949, 0.3353,

 0.6997, 0.4923,

0.3240

0.2876

327.8185, 0.3340,
0.3243

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4097, 0.3526,
0.3199

50.4097, 0.3526,
0.3199

41.5596, 0.3771,
0.3157

60.8591, 0.3328,
0.3240

34.2233, 0.4071,
0.3117

72.9740, 0.3168,
0.3279

28.3176, 0.4427,
0.3083

86.8255, 0.3039,
0.3315

23.7489, 0.4835,
0.3063

95.0751, 0.2958,
0.3290

■ 20.4121, 0.5269,
0.3064

■ 18.1864, 0.5686,
0.3092

■ 16.9262, 0.6030,
0.3148

■ 16.4563, 0.6209,
0.3194

Harmonies

Analogous

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



50.4097, 0.3276, 0.2995



50.4097, 0.3526, 0.3199



50.4097, 0.3667, 0.3432

Triad

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



50.4097, 0.3526, 0.3199



50.4097, 0.3242, 0.3764



50.4097, 0.2623, 0.2917

Complementary

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



50.4097, 0.3526, 0.3199



69.1804, 0.2834, 0.3384

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.



50.4097, 0.2616, 0.3109



50.4097, 0.3526, 0.3199



50.4097, 0.2965, 0.3614

Square

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



50.4097, 0.3526, 0.3199



50.4097, 0.3496, 0.3769



50.4097, 0.2739, 0.3367



50.4097, 0.2758, 0.2832

Rectangle

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



50.4097, 0.3526, 0.3199



50.4097, 0.3676, 0.3578



50.4097, 0.2739, 0.3367



50.4097, 0.2606, 0.2970

Sweetspot

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



50.4120, 0.3526, 0.3199



88.2006, 0.3229, 0.3263



51.1650, 0.3082, 0.2709



18.6720, 0.3239, 0.3261



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.



50.4120, 0.3526, 0.3199



59.2972, 0.3649, 0.3177



57.2778, 0.3554, 0.3489



14.4040, 0.3268, 0.3254



9.6057, 0.6181, 0.3178



0.7210, 0.5819, 0.2980

Inverse Universe

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



50.4120, 0.3526, 0.3199



59.2972, 0.3649, 0.3177



60.5969, 0.2772, 0.3082



14.4040, 0.3268, 0.3254



9.6057, 0.6181, 0.3178



0.7210, 0.5819, 0.2980

Previews

White Background



This preview shows how the Yxy color 50.4097, 0.3526, 0.3199 looks on a white background.

Color Contrast Check

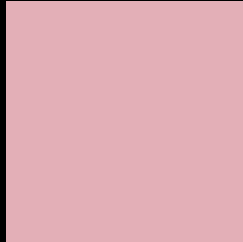
Large Text (above 18pt) WCAG AA × Fail

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 50.4097, 0.3526, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

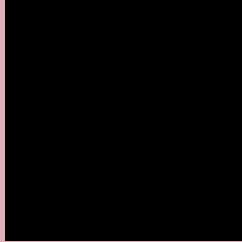
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4097, 0.3526, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 50.4097, 0.3526, 0.3199.



This preview shows how white text looks on a background with the Yxy color 50.4097, 0.3526, 0.3199.

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

50.4097, 0.3526, 0.3199

Protanopia

50.7605, 0.3137, 0.3265

Deuteranopia

50.3886, 0.3361, 0.3291



Tritanopia

50.3969, 0.3492, 0.3131

Trichromacy



Original Color

50.4097, 0.3526, 0.3199

Protanomaly

50.2922, 0.3275, 0.3242

Deuteranomaly

50.2165, 0.3428, 0.3255

Tritanomaly

50.3113, 0.3510, 0.3154

Monochromacy



Original Color

50.4097, 0.3526, 0.3199

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1661, 0.3264, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4097, 0.3526, 0.3199 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(227, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 183)  
}
```

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(227, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.4097, 0.3526, 0.3199 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(227, 175, 183) }
```

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

```
.border{ border-color:rgb(227, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4097, 0.3526, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 175, 183) }
```

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

```
.background{ background-color: rgb(227,  
175, 183) }
```

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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