

Converting Colors

Yxy(50.4910, 0.3507, 0.3100)

Have a look what the booklet for
Yxy(50.4910, 0.3507, 0.3100)
contains.

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Color

Yxy(50.5938, 0.3503, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	E7ADBE
RGB	231, 173, 190
RGB Percent	91%, 68%, 75%
CMY	0.0942, 0.3215, 0.2548
CMYK	0.00, 0.25, 0.18, 0.09
HSL	342°, 55%, 79%
HSV	342°, 25%, 91%
XYZ	57.1894, 50.5938, 55.4752
YIQ	192.2800, 29.1110, 17.5830

Conversions

Conversions Part 2

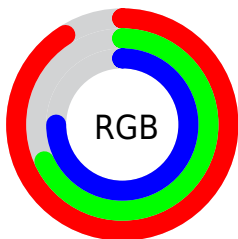
Format	Color
R_{YB}	231, 173, 190
Decimal	15183294
CIE _{Lab}	76.43, 23.70, -0.37
CIE _{LCh}	76, 23.701, 359.099
Yxy	50.5938, 0.3503, 0.3099
Android (android.graphics.Color)	4293373374 (0xFFE7ADBE)
YUV	192.2800, -1.1240, 33.9574
Hunter-Lab	71.1293, 19.0414, 3.5490

Details

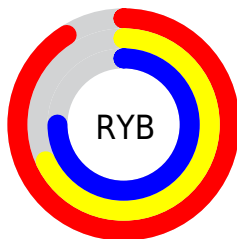
The Yxy color **50.5938, 0.3503, 0.3099** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.8807, 0.2854, 0.3491**, and the grayscale version is **52.8796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9524, 0.3196, 0.3124**, and **24.3530, 0.3609, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **41.8152, 0.3715, 0.3019**, and if you desaturate by 10%, it is **60.9883, 0.3330, 0.3178**.

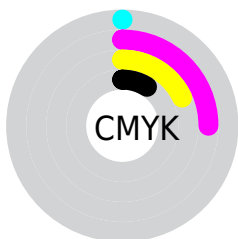
Distribution



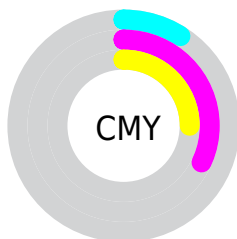
- Red (91%)
- Green (68%)
- Blue (75%)



- Red (91%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5938, 0.3503, 0.3099 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 50.5938, 0.3503, 0.3099 by changing the saturation by 10% instead.


 50.5938, 0.3503,
0.3099

 50.5938, 0.3503,
0.3099


388.9835, 0.3318,
0.3193

 35.8854, 0.3548,
0.3076


 91.0541, 0.3436,
0.3133

 24.3457, 0.3606,
0.3047


117.5747, 0.3411,
0.3146

 15.5903, 0.3683,
0.3008


148.8017, 0.3390,
0.3157

 9.2347, 0.3788,
0.2955

185.1192, 0.3371,
0.3166

 4.8946, 0.3942,
0.2877

226.9118, 0.3355,
0.3174

 2.1855, 0.4187,
0.2754

274.5638, 0.3341,

 0.7121, 0.4671,

0.3181

0.2507

328.4595, 0.3329,
0.3188

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5938, 0.3503,
0.3099

50.5938, 0.3503,
0.3099

41.8152, 0.3715,
0.3019

60.9883, 0.3330,
0.3178

34.5641, 0.3970,
0.2942

73.0673, 0.3189,
0.3254

28.7543, 0.4270,
0.2877

86.9039, 0.3074,
0.3324

24.2880, 0.4612,
0.2832

95.7258, 0.2981,
0.3290

■ 21.0552, 0.4980,
0.2821

■ 18.9283, 0.5348,
0.2854

■ 17.7511, 0.5678,
0.2933

■ 17.4001, 0.5821,
0.2980

Harmonies

Analogous

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



50.5938, 0.3188, 0.2889



50.5938, 0.3503, 0.3099



50.5938, 0.3718, 0.3360

Triad

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



50.5938, 0.3503, 0.3099



50.5938, 0.3364, 0.3865



50.5938, 0.2527, 0.2918

Complementary

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



50.5938, 0.3503, 0.3099



70.8807, 0.2854, 0.3491

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.



50.5938, 0.2569, 0.3172



50.5938, 0.3503, 0.3099



50.5938, 0.3042, 0.3745

Square

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



50.5938, 0.3503, 0.3099



50.5938, 0.3631, 0.3810



50.5938, 0.2753, 0.3482



50.5938, 0.2634, 0.2779

Rectangle

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



50.5938, 0.3503, 0.3099



50.5938, 0.3770, 0.3537



50.5938, 0.2753, 0.3482



50.5938, 0.2524, 0.2992

Sweetspot

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



50.5961, 0.3503, 0.3099



86.7739, 0.3227, 0.3232



49.8950, 0.3013, 0.2639



18.0747, 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.



50.5961, 0.3503, 0.3099



57.5143, 0.3605, 0.3058



54.5368, 0.3625, 0.3423



14.4372, 0.3246, 0.3221



9.7754, 0.5780, 0.2958



0.7382, 0.5363, 0.2728

Inverse Universe

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



50.5961, 0.3503, 0.3099



57.5143, 0.3605, 0.3058



65.5195, 0.2747, 0.3152



14.4372, 0.3246, 0.3221



9.7754, 0.5780, 0.2958



0.7382, 0.5363, 0.2728

Previews

White Background



This preview shows how the Yxy color 50.5938, 0.3503, 0.3099 looks on a white background.

Color Contrast Check

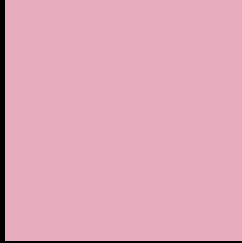
Large Text (above 18pt) WCAG AA × Fail

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 50.5938, 0.3503, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

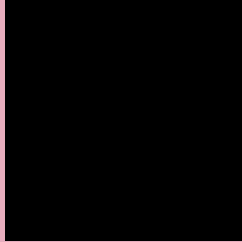
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5938, 0.3503, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 50.5938, 0.3503, 0.3099.



This preview shows how white text looks on a background with the Yxy color 50.5938, 0.3503, 0.3099.

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

50.5938, 0.3503, 0.3099

Protanopia

50.9088, 0.3052, 0.3153

Deuteranopia

50.7632, 0.3292, 0.3230



Tritanopia

50.8489, 0.3528, 0.3144

Trichromacy



Original Color

50.5938, 0.3503, 0.3099

Protanomaly

50.6899, 0.3202, 0.3133

Deuteranomaly

50.5133, 0.3368, 0.3173

Tritanomaly

50.8919, 0.3519, 0.3133

Monochromacy



Original Color

50.5938, 0.3503, 0.3099

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.5813, 0.3257, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5938, 0.3503, 0.3099 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(231, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(231, 173, 190)  
}
```

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(231, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 173, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.5938, 0.3503, 0.3099 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(231, 173, 190) }
```

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

```
.border{ border-color:rgb(231, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(231, 173,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5938, 0.3503, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 173, 190) }
```

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

```
.background{ background-color: rgb(231,  
173, 190) }
```

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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