

Converting Colors

$Y_{xy}(51.3473, 0.3402, 0.3057)$

Have a look what the booklet for
Yxy(51.3473, 0.3402, 0.3057)
contains.

Yxy(51.4128, 0.3401, 0.3053)	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(51.4128, 0.3401, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	E3B0C5
RGB	227, 176, 197
RGB Percent	89%, 69%, 77%
CMY	0.1099, 0.3097, 0.2275
CMYK	0.00, 0.22, 0.13, 0.11
HSL	335°, 48%, 79%
HSV	335°, 22%, 89%
XYZ	57.2732, 51.4128, 59.7150
YIQ	193.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

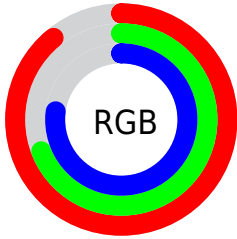
Format	Color
R _Y B	227, 176, 197
Decimal	14921925
CIE Lab	76.93, 21.77, -3.49
CIE LCh	77, 22.043, 350.898
Yxy	51.4128, 0.3401, 0.3053
Android (android.graphics.Color)	4293112005 (0xFFE3B0C5)
YUV	193.6430, 1.6550, 29.2541
Hunter-Lab	71.7027, 17.0986, 0.8144

Details

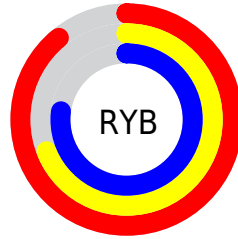
The Yxy color **51.4128, 0.3401, 0.3053** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.6122, 0.2916, 0.3541**, and the grayscale version is **53.7062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1290, 0.3144, 0.3077**, and **24.8070, 0.3478, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **42.6593, 0.3567, 0.2941**, and if you desaturate by 10%, it is **61.7133, 0.3264, 0.3162**.

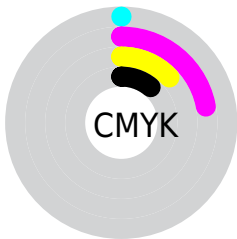
Distribution



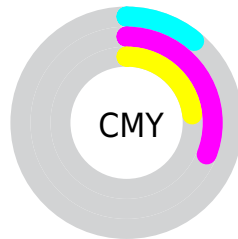
- Red (89%)
- Green (69%)
- Blue (77%)



- Red (89%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (11%)




- Cyan (11%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4128, 0.3401, 0.3053 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 51.4128, 0.3401, 0.3053 by changing the saturation by 10% instead.


 51.4128, 0.3401,
0.3053

 51.4128, 0.3401,
0.3053

392.1655, 0.3267,
0.3168

 36.5372, 0.3433,
0.3025

 92.2647, 0.3353,
0.3094

 24.8494, 0.3475,
0.2991


119.0098, 0.3335,
0.3110

 15.9649, 0.3529,
0.2945


150.4802, 0.3319,
0.3123

 9.4993, 0.3603,
0.2884

187.0603, 0.3306,
0.3134

 5.0683, 0.3710,
0.2796

229.1344, 0.3294,
0.3144

 2.2874, 0.3878,
0.2659

277.0871, 0.3284,

 0.7670, 0.4188,

0.3153

0.2409

331.3027, 0.3275,
0.3161

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4128, 0.3401,
0.3053

51.4128, 0.3401,
0.3053

42.6593, 0.3567,
0.2941

61.7133, 0.3264,
0.3162

35.3706, 0.3764,
0.2832

73.6240, 0.3151,
0.3266

29.4672, 0.3997,
0.2733

87.2129, 0.3059,
0.3362

24.8593, 0.4263,
0.2653

94.7750, 0.2983,
0.3335

■ 21.4464, 0.4554,
0.2607

■ 95.0663, 0.2958,
0.3290

■ 19.1129, 0.4859,
0.2607

■ 17.7200, 0.5155,
0.2660

■ 17.1231, 0.5364,
0.2729

Harmonies

Analogous

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



51.4128, 0.3101, 0.2878



51.4128, 0.3401, 0.3053



51.4128, 0.3633, 0.3288

Triad

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



51.4128, 0.3401, 0.3053



51.4128, 0.3423, 0.3822



51.4128, 0.2566, 0.3002

Complementary

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



51.4128, 0.3401, 0.3053



68.6122, 0.2916, 0.3541

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.



51.4128, 0.2644, 0.3259



51.4128, 0.3401, 0.3053



51.4128, 0.3131, 0.3755

Square

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



51.4128, 0.3401, 0.3053



51.4128, 0.3642, 0.3734



51.4128, 0.2847, 0.3542



51.4128, 0.2629, 0.2840

Rectangle

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



51.4128, 0.3401, 0.3053



51.4128, 0.3711, 0.3455



51.4128, 0.2847, 0.3542



51.4128, 0.2577, 0.3080

Sweetspot

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



51.4151, 0.3401, 0.3053



88.4769, 0.3200, 0.3219



49.6879, 0.2980, 0.2703



18.7358, 0.3207, 0.3213



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.



51.4151, 0.3401, 0.3053



61.3202, 0.3475, 0.3000



52.2118, 0.3575, 0.3340



14.4658, 0.3228, 0.3194



10.0109, 0.5326, 0.2708



0.7579, 0.4945, 0.2498

Inverse Universe

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



51.4151, 0.3401, 0.3053



61.3202, 0.3475, 0.3000



67.4060, 0.2791, 0.3239



14.4658, 0.3228, 0.3194



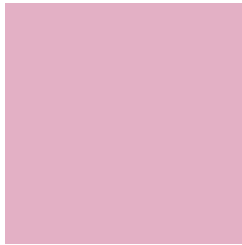
10.0109, 0.5326, 0.2708



0.7579, 0.4945, 0.2498

Previews

White Background



This preview shows how the Yxy color 51.4128, 0.3401, 0.3053 looks on a white background.

Color Contrast Check

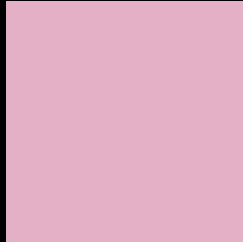
Large Text (above 18pt) WCAG AA × Fail

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 51.4128, 0.3401, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

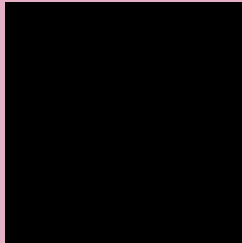
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4128, 0.3401, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 51.4128, 0.3401, 0.3053.



This preview shows how white text looks on a background with the Yxy color 51.4128, 0.3401, 0.3053.

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

51.4128, 0.3401, 0.3053

Protanopia

51.6218, 0.3008, 0.3093

Deuteranopia

51.3429, 0.3226, 0.3158



Tritanopia

51.3746, 0.3443, 0.3131

Trichromacy



Original Color

51.4128, 0.3401, 0.3053

Protanomaly

51.2418, 0.3146, 0.3074

Deuteranomaly

51.3294, 0.3290, 0.3114

Tritanomaly

51.4633, 0.3425, 0.3108

Monochromacy



Original Color

51.4128, 0.3401, 0.3053

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.6026, 0.3223, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4128, 0.3401, 0.3053 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, 176, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 197)  
}
```

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, 176, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.4128, 0.3401, 0.3053 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, 176, 197) }
```

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

```
.border{ border-color:rgb(227, 176, 197) }
```

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

Here you see how a box with a 4 pixel rgb(227, 176, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4128, 0.3401, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 197) }
```

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

```
.background{ background-color: rgb(227,  
176, 197) }
```

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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