

Converting Colors

Yxy(51.8138, 0.3524, 0.3153)

Have a look what the booklet for
Yxy(51.8138, 0.3524, 0.3153)
contains.

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Color

Yxy(51.8373, 0.3524, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0BC
RGB	232, 176, 188
RGB Percent	91%, 69%, 74%
CMY	0.0902, 0.3098, 0.2627
CMYK	0.00, 0.24, 0.19, 0.09
HSL	347°, 55%, 80%
HSV	347°, 24%, 91%
XYZ	57.8817, 51.8373, 54.5310
YIQ	194.1120, 29.5240, 15.6040

Conversions

Conversions Part 2

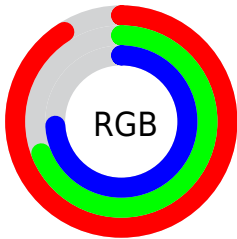
Format	Color
R _Y B	232, 176, 188
Decimal	15249596
CIE Lab	77.18, 22.16, 1.83
CIE LCh	77, 22.233, 4.732
Yxy	51.8373, 0.3524, 0.3156
Android (android.graphics.Color)	4293439676 (0xFFE8B0BC)
YUV	194.1120, -3.0132, 33.2278
Hunter-Lab	71.9981, 17.5054, 5.4928

Details

The Yxy color **51.8373, 0.3524, 0.3156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.1136, 0.2838, 0.3429**, and the grayscale version is **54.0250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5049, 0.3207, 0.3173**, and **25.1453, 0.3637, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **42.7684, 0.3757, 0.3097**, and if you desaturate by 10%, it is **62.5650, 0.3335, 0.3214**.

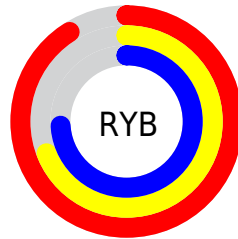
Distribution



Red (91%)

Green (69%)

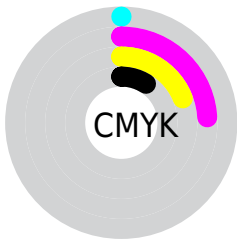
Blue (74%)



Red (91%)

Yellow (69%)

Blue (74%)

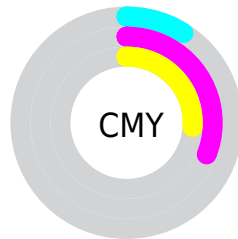


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (9%)



Cyan (9%)


Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8373, 0.3524, 0.3156 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 51.8373, 0.3524, 0.3156 by changing the saturation by 10% instead.


 51.8373, 0.3524,
0.3156

 51.8373, 0.3524,
0.3156


393.8082, 0.3329,
0.3223

 36.8754, 0.3572,
0.3139


 92.8912, 0.3454,
0.3180

 25.1110, 0.3633,
0.3118


119.7521, 0.3427,
0.3189

 16.1598, 0.3713,
0.3090


151.3480, 0.3404,
0.3197

 9.6373, 0.3824,
0.3050

188.0635, 0.3385,
0.3204

 5.1591, 0.3985,
0.2992

230.2828, 0.3368,
0.3210

 2.3409, 0.4242,
0.2897

278.3905, 0.3353,

 0.7953, 0.4744,

0.3215

0.2727

332.7708, 0.3340,
0.3219

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8373, 0.3524,
0.3156

51.8373, 0.3524,
0.3156

42.7684, 0.3757,
0.3097

62.5650, 0.3335,
0.3214

35.2684, 0.4039,
0.3042

75.0214, 0.3182,
0.3268

29.2498, 0.4375,
0.2995

89.2807, 0.3058,
0.3319

24.6136, 0.4757,
0.2965

95.8964, 0.2988,
0.3290

■ 21.2486, 0.5166,
0.2963

■ 19.0262, 0.5565,
0.2997

■ 17.7902, 0.5906,
0.3067

■ 17.3841, 0.6067,
0.3116

Harmonies

Analogous

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



51.8373, 0.3243, 0.2946



51.8373, 0.3524, 0.3156



51.8373, 0.3698, 0.3405

Triad

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



51.8373, 0.3524, 0.3156



51.8373, 0.3294, 0.3815



51.8373, 0.2575, 0.2911

Complementary

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



51.8373, 0.3524, 0.3156



72.1136, 0.2838, 0.3429

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.



51.8373, 0.2588, 0.3131



51.8373, 0.3524, 0.3156



51.8373, 0.2993, 0.3674

Square

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



51.8373, 0.3524, 0.3156



51.8373, 0.3558, 0.3795



51.8373, 0.2738, 0.3415



51.8373, 0.2701, 0.2803

Rectangle

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



51.8373, 0.3524, 0.3156



51.8373, 0.3725, 0.3566



51.8373, 0.2738, 0.3415



51.8373, 0.2564, 0.2973

Sweetspot

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



51.8397, 0.3524, 0.3156



88.2646, 0.3223, 0.3253



52.0743, 0.3056, 0.2672



18.6867, 0.3232, 0.3250



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.



51.8397, 0.3524, 0.3156



58.3543, 0.3635, 0.3127



57.9338, 0.3590, 0.3470



14.4183, 0.3259, 0.3240



9.6657, 0.6031, 0.3096



0.7278, 0.5627, 0.2874

Inverse Universe

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



51.8397, 0.3524, 0.3156



58.3543, 0.3635, 0.3127



64.2391, 0.2756, 0.3103



14.4183, 0.3259, 0.3240



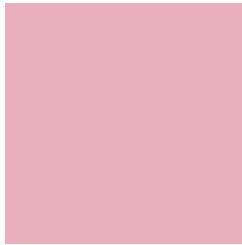
9.6657, 0.6031, 0.3096



0.7278, 0.5627, 0.2874

Previews

White Background



This preview shows how the Yxy color 51.8373, 0.3524, 0.3156 looks on a white background.

Color Contrast Check

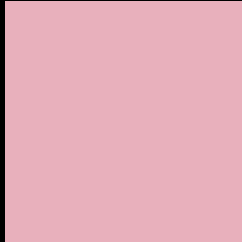
Large Text (above 18pt) WCAG AA × Fail

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 51.8373, 0.3524, 0.3156 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 51.8373, 0.3524, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 51.8373, 0.3524, 0.3156.



This preview shows how white text looks on a background with the Yxy color 51.8373, 0.3524, 0.3156.

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

51.8373, 0.3524, 0.3156

Protanopia

52.1499, 0.3106, 0.3216

Deuteranopia

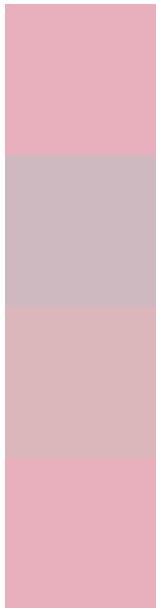
52.0920, 0.3341, 0.3279



Tritanopia

51.8806, 0.3515, 0.3145

Trichromacy



Original Color

51.8373, 0.3524, 0.3156

Protanomaly

51.8136, 0.3250, 0.3195

Deuteranomaly

52.1038, 0.3407, 0.3232

Tritanomaly

51.8806, 0.3515, 0.3145

Monochromacy



Original Color

51.8373, 0.3524, 0.3156

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.7563, 0.3264, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8373, 0.3524, 0.3156 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(232, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 188)  
}
```

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(232, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 188) }
```

Border

The CSS property to change the border of an element to Yxy 51.8373, 0.3524, 0.3156 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(232, 176, 188) }
```

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

```
.border{ border-color:rgb(232, 176, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 188);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8373, 0.3524, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 188) }
```

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

```
.background{ background-color: rgb(232,  
176, 188) }
```

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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