

Converting Colors

$Yxy(38.8018, 0.3560, 0.3104)$

Have a look what the booklet for
Yxy(38.8018, 0.3560, 0.3104)
contains.

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Color

Yxy(38.8018, 0.3560, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	D198A7
RGB	209, 152, 167
RGB Percent	82%, 60%, 65%
CMY	0.1803, 0.4039, 0.3451
CMYK	0.00, 0.27, 0.20, 0.18
HSL	344°, 38%, 71%
HSV	344°, 27%, 82%
XYZ	44.5021, 38.8018, 41.7019
YIQ	170.7530, 29.1570, 16.7490

Conversions

Conversions Part 2

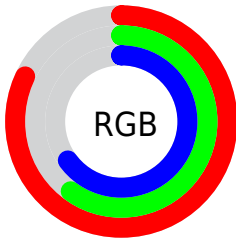
Format	Color
R _Y B	209, 152, 167
Decimal	13736103
CIE Lab	68.61, 23.57, 0.63
CIE LCh	69, 23.576, 1.536
Yxy	38.8018, 0.3560, 0.3104
Android (android.graphics.Color)	4291926183 (0xFFD198A7)
YUV	170.7530, -1.8502, 33.5426
Hunter-Lab	62.2911, 18.5147, 3.9110

Details

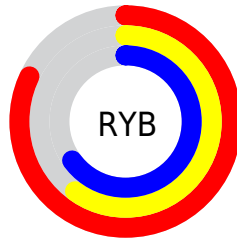
The Yxy color **38.8018, 0.3560, 0.3104** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1826, 0.2823, 0.3486**, and the grayscale version is **40.5942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1596, 0.3385, 0.3139**, and **17.2222, 0.3704, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **32.0700, 0.3789, 0.3033**, and if you desaturate by 10%, it is **46.8006, 0.3372, 0.3175**.

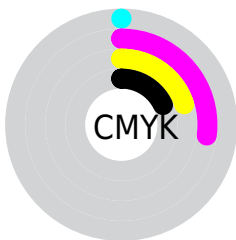
Distribution



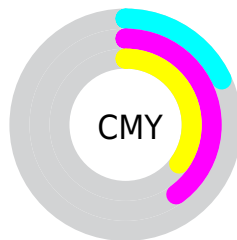
- Red (82%)
- Green (60%)
- Blue (65%)



- Red (82%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8018, 0.3560, 0.3104 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 38.8018, 0.3560, 0.3104 by changing the saturation by 10% instead.

 38.8018, 0.3560,
0.3104


 38.8018, 0.3560,
0.3104


341.0471, 0.3337,
0.3200

 26.6056, 0.3618,
0.3079


 73.3354, 0.3477,
0.3140

 17.2772, 0.3694,
0.3046


 96.4416, 0.3447,
0.3153

 10.4323, 0.3797,
0.3001


123.9533, 0.3421,
0.3164

 5.6865, 0.3947,
0.2935

156.2548, 0.3399,
0.3174

 2.6554, 0.4180,
0.2832

193.7305, 0.3380,
0.3182

 0.9546, 0.4595,
0.2648

236.7649, 0.3364,

 0.0000, 1.0000,

0.3189

0.0000

285.7423, 0.3349,
0.3195

0.0000, 0.0000,
0.0000

38.8018, 0.3560,
0.3104

38.8018, 0.3560,
0.3104

32.0700, 0.3789,
0.3033

46.8006, 0.3372,
0.3175

26.5348, 0.4064,
0.2966

56.1214, 0.3220,
0.3243

22.1268, 0.4386,
0.2912

66.8226, 0.3096,
0.3307

18.7676, 0.4749,
0.2879

78.9574, 0.2995,
0.3365

16.3684, 0.5134,
0.2880

91.6110, 0.2913,
0.3404

■ 14.8256, 0.5507,
0.2922

■ 92.2985, 0.2855,
0.3289

■ 13.9994, 0.5829,
0.3005

■ 13.8342, 0.5908,
0.3028

Harmonies

Analogous

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



38.8018, 0.3222, 0.2872



38.8018, 0.3560, 0.3104



38.8018, 0.3782, 0.3388

Triad

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



38.8018, 0.3560, 0.3104



38.8018, 0.3355, 0.3913



38.8018, 0.2481, 0.2868

Complementary

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



38.8018, 0.3560, 0.3104



56.1826, 0.2823, 0.3486

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.



38.8018, 0.2513, 0.3134



38.8018, 0.3560, 0.3104



38.8018, 0.3005, 0.3769

Square

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



38.8018, 0.3560, 0.3104



38.8018, 0.3655, 0.3865



38.8018, 0.2700, 0.3471



38.8018, 0.2609, 0.2731

Rectangle

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



38.8018, 0.3560, 0.3104



38.8018, 0.3827, 0.3577



38.8018, 0.2700, 0.3471



38.8018, 0.2474, 0.2944

Sweetspot

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



38.8036, 0.3560, 0.3104



86.7372, 0.3231, 0.3238



38.5045, 0.3019, 0.2587



18.0655, 0.3253, 0.3228



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.



38.8036, 0.3560, 0.3104



54.1789, 0.3694, 0.3060



42.8447, 0.3671, 0.3458



11.8586, 0.3250, 0.3229



8.5417, 0.5872, 0.3008



0.4909, 0.5337, 0.2714

Inverse Universe

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



38.8036, 0.3560, 0.3104



54.1789, 0.3694, 0.3060



50.6313, 0.2715, 0.3115



11.8586, 0.3250, 0.3229



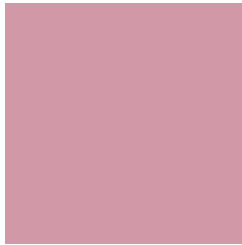
8.5417, 0.5872, 0.3008



0.4909, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 38.8018, 0.3560, 0.3104 looks on a white background.

Color Contrast Check

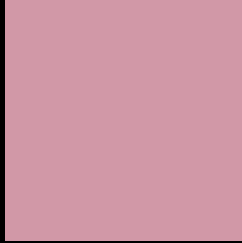
Large Text (above 18pt) WCAG AA × Fail

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 38.8018, 0.3560, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

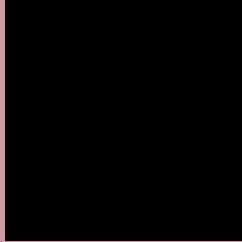
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8018, 0.3560, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 38.8018, 0.3560, 0.3104.



This preview shows how white text looks on a background with the Yxy color 38.8018, 0.3560, 0.3104.

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

38.8018, 0.3560, 0.3104

Protanopia

39.0969, 0.3060, 0.3165

Deuteranopia

38.8716, 0.3321, 0.3250



Tritanopia

38.6921, 0.3590, 0.3141

Trichromacy



Original Color

38.8018, 0.3560, 0.3104

Protanomaly

38.9251, 0.3229, 0.3143

Deuteranomaly

38.6762, 0.3407, 0.3186

Tritanomaly

38.7284, 0.3580, 0.3129

Monochromacy



Original Color

38.8018, 0.3560, 0.3104

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7675, 0.3273, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8018, 0.3560, 0.3104 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(209, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(209, 152, 167)  
}
```

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(209, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 152, 167) }
```

Border

The CSS property to change the border of an element to Yxy 38.8018, 0.3560, 0.3104 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(209, 152, 167) }
```

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

```
.border{ border-color:rgb(209, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(209, 152,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8018, 0.3560, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 152, 167) }
```

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

```
.background{ background-color: rgb(209,  
152, 167) }
```

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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