

Converting Colors

Yxy(50.8332, 0.3575, 0.3199)

Have a look what the booklet for
Yxy(50.8332, 0.3575, 0.3199)
contains.

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Color

Yxy(50.8053, 0.3582, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	E8AEB6
RGB	232, 174, 182
RGB Percent	91%, 68%, 71%
CMY	0.0903, 0.3176, 0.2863
CMYK	0.00, 0.25, 0.22, 0.09
HSL	352°, 56%, 80%
HSV	352°, 25%, 91%
XYZ	56.8524, 50.8053, 51.0592
YIQ	192.2540, 32.0000, 14.7840

Conversions

Conversions Part 2

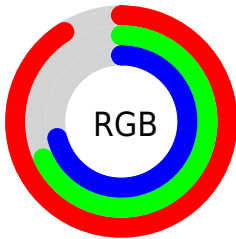
Format	Color
R _Y B	232, 174, 182
Decimal	15249078
CIE Lab	76.56, 22.31, 4.21
CIE LCh	77, 22.706, 10.674
Yxy	50.8053, 0.3582, 0.3201
Android (android.graphics.Color)	4293439158 (0xFFE8AEB6)
YUV	192.2540, -5.0552, 34.8572
Hunter-Lab	71.2778, 17.6384, 7.4226

Details

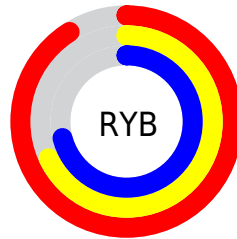
The Yxy color **50.8053, 0.3582, 0.3201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.0849, 0.2804, 0.3382**, and the grayscale version is **52.8849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0267, 0.3248, 0.3212**, and **24.3737, 0.3707, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **41.8351, 0.3844, 0.3164**, and if you desaturate by 10%, it is **61.4463, 0.3370, 0.3238**.

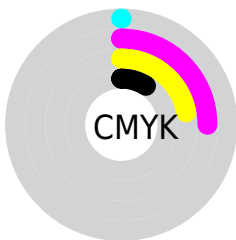
Distribution



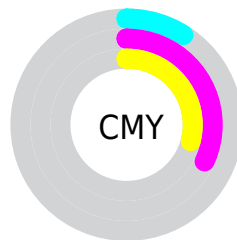
- Red (91%)
- Green (68%)
- Blue (71%)



- Red (91%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8053, 0.3582, 0.3201 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 50.8053, 0.3582, 0.3201 by changing the saturation by 10% instead.

 50.8053, 0.3582,
0.3201

 50.8053, 0.3582,
0.3201


389.8069, 0.3357,
0.3247

 36.0537, 0.3638,
0.3189


 91.3669, 0.3501,
0.3218

 24.4757, 0.3709,
0.3173


117.9457, 0.3470,
0.3225

 15.6868, 0.3802,
0.3152


149.2356, 0.3444,
0.3230

 9.3028, 0.3932,
0.3121

185.6212, 0.3421,
0.3234

 4.9392, 0.4122,
0.3074

227.4867, 0.3402,
0.3238

 2.2116, 0.4428,
0.2992

275.2165, 0.3385,

 0.7263, 0.5151,

0.3242

0.2879

329.1951, 0.3370,
0.3245

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8053, 0.3582,
0.3201

50.8053, 0.3582,
0.3201

41.8351, 0.3844,
0.3164

61.4463, 0.3370,
0.3238

34.4441, 0.4163,
0.3129

73.8295, 0.3199,
0.3273

28.5426, 0.4540,
0.3102

88.0308, 0.3062,
0.3306

24.0292, 0.4964,
0.3088

95.8925, 0.2987,
0.3290

■ 20.7897, 0.5405,
0.3095

■ 18.6917, 0.5813,
0.3128

■ 17.5733, 0.6128,
0.3184

■ 17.2563, 0.6243,
0.3213

Harmonies

Analogous

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



50.8053, 0.3308, 0.2974



50.8053, 0.3582, 0.3201



50.8053, 0.3731, 0.3458

Triad

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



50.8053, 0.3582, 0.3201



50.8053, 0.3237, 0.3814



50.8053, 0.2575, 0.2868

Complementary

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



50.8053, 0.3582, 0.3201



72.0849, 0.2804, 0.3382

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.



50.8053, 0.2559, 0.3074



50.8053, 0.3582, 0.3201



50.8053, 0.2931, 0.3640

Square

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



50.8053, 0.3582, 0.3201



50.8053, 0.3523, 0.3826



50.8053, 0.2686, 0.3359



50.8053, 0.2730, 0.2783

Rectangle

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



50.8053, 0.3582, 0.3201



50.8053, 0.3734, 0.3618



50.8053, 0.2686, 0.3359



50.8053, 0.2554, 0.2924

Sweetspot

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



50.8076, 0.3582, 0.3201



88.1831, 0.3231, 0.3266



51.8367, 0.3085, 0.2655



18.6679, 0.3241, 0.3264



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.



50.8076, 0.3582, 0.3201



56.9752, 0.3711, 0.3182



58.9279, 0.3599, 0.3519



14.4001, 0.3271, 0.3258



9.5925, 0.6215, 0.3197



0.7192, 0.5875, 0.3010

Inverse Universe

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



50.8076, 0.3582, 0.3201



56.9752, 0.3711, 0.3182



61.7591, 0.2739, 0.3049



14.4001, 0.3271, 0.3258



9.5925, 0.6215, 0.3197



0.7192, 0.5875, 0.3010

Previews

White Background



This preview shows how the Yxy color 50.8053, 0.3582, 0.3201 looks on a white background.

Color Contrast Check

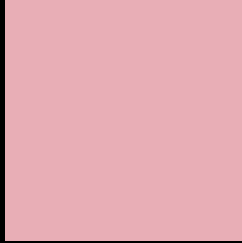
Large Text (above 18pt) WCAG AA × Fail

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 50.8053, 0.3582, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

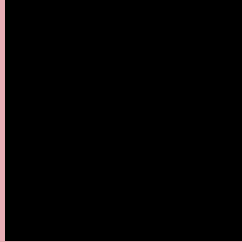
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8053, 0.3582, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 50.8053, 0.3582, 0.3201.



This preview shows how white text looks on a background with the Yxy color 50.8053, 0.3582, 0.3201.

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

50.8053, 0.3582, 0.3201

Protanopia

50.8906, 0.3145, 0.3265

Deuteranopia

51.0111, 0.3394, 0.3327



Tritanopia

50.7986, 0.3548, 0.3134

Trichromacy



Original Color

50.8053, 0.3582, 0.3201

Protanomaly

50.7202, 0.3301, 0.3242

Deuteranomaly

51.0388, 0.3461, 0.3279

Tritanomaly

50.7136, 0.3566, 0.3156

Monochromacy



Original Color

50.8053, 0.3582, 0.3201

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.5942, 0.3290, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8053, 0.3582, 0.3201 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, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 182)  
}
```

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, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.8053, 0.3582, 0.3201 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, 174, 182) }
```

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

```
.border{ border-color:rgb(232, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8053, 0.3582, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 182) }
```

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

```
.background{ background-color: rgb(232,  
174, 182) }
```

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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