

Converting Colors

Yxy(51.0289, 0.3587, 0.3195)

Have a look what the booklet for
Yxy(51.0289, 0.3587, 0.3195)
contains.

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Color

Yxy(51.0146, 0.3582, 0.3190)

Conversions

Conversions Part 1	
Format	Color
Hex	E9AEB7
RGB	233, 174, 183
RGB Percent	91%, 68%, 72%
CMY	0.0863, 0.3176, 0.2824
CMYK	0.00, 0.25, 0.21, 0.09
HSL	351°, 57%, 80%
HSV	351°, 25%, 91%
XYZ	57.2835, 51.0146, 51.6223
YIQ	192.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

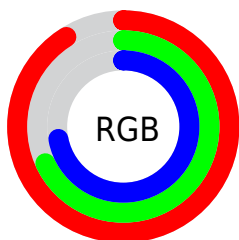
Format	Color
RYB	233, 174, 183
Decimal	15314615
CIELab	76.69, 22.83, 3.86
CIELCh	77, 23.151, 9.586
Yxy	51.0146, 0.3582, 0.3190
Android (android.graphics.Color)	4293504695 (0xFFE9AEB7)
YUV	192.6670, -4.7658, 35.3720
Hunter-Lab	71.4245, 18.1667, 7.1451

Details

The Yxy color **51.0146, 0.3582, 0.3190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.6528, 0.2805, 0.3394**, and the grayscale version is **53.1378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0856, 0.3241, 0.3202**, and **24.5166, 0.3707, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **42.0156, 0.3841, 0.3149**, and if you desaturate by 10%, it is **61.6950, 0.3372, 0.3231**.

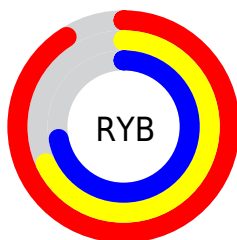
Distribution



Red (91%)

Green (68%)

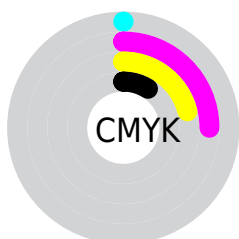
Blue (72%)



Red (91%)

Yellow (68%)

Blue (72%)

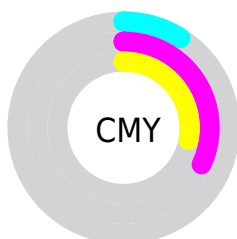


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (9%)



Cyan (9%)


Magenta (32%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0146, 0.3582, 0.3190 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 51.0146, 0.3582, 0.3190 by changing the saturation by 10% instead.

 51.0146, 0.3582,
0.3190

 51.0146, 0.3582,
0.3190

390.6205, 0.3357,
0.3242

 36.2202, 0.3637,
0.3177


 91.6764, 0.3501,
0.3209

 24.6043, 0.3708,
0.3159


118.3125, 0.3470,
0.3216

 15.7825, 0.3802,
0.3136


149.6647, 0.3444,
0.3222

 9.3704, 0.3931,
0.3103

186.1174, 0.3422,
0.3227

 4.9836, 0.4120,
0.3052

228.0549, 0.3402,
0.3232

 2.2376, 0.4423,
0.2966


275.8617, 0.3385,


 0.7404, 0.5110,


0.3235


0.2835


329.9221, 0.3370,
0.3239

 0.0000, 1.0000,
0.0000

 0.0000, 0.0000,
0.0000


 51.0146, 0.3582,
0.3190

 51.0146, 0.3582,
0.3190

 42.0156, 0.3841,
0.3149


 61.6950, 0.3372,
0.3231


 34.6057, 0.4156,
0.3110

 74.1291, 0.3203,
0.3270

 28.6942, 0.4527,
0.3080

 88.3934, 0.3067,
0.3307

 24.1785, 0.4946,
0.3064

 96.0614, 0.2993,
0.3290

■ 20.9431, 0.5382,
0.3071

■ 18.8538, 0.5787,
0.3107

■ 17.7464, 0.6103,
0.3168

■ 17.4456, 0.6215,
0.3197

Harmonies

Analogous

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



51.0146, 0.3299, 0.2962



51.0146, 0.3582, 0.3190



51.0146, 0.3739, 0.3451

Triad

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



51.0146, 0.3582, 0.3190



51.0146, 0.3250, 0.3828



51.0146, 0.2562, 0.2866

Complementary

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



51.0146, 0.3582, 0.3190



72.6528, 0.2805, 0.3394

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.



51.0146, 0.2552, 0.3079



51.0146, 0.3582, 0.3190



51.0146, 0.2938, 0.3655

Square

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



51.0146, 0.3582, 0.3190



51.0146, 0.3539, 0.3833



51.0146, 0.2686, 0.3371



51.0146, 0.2715, 0.2775

Rectangle

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



51.0146, 0.3582, 0.3190



51.0146, 0.3747, 0.3615



51.0146, 0.2686, 0.3371



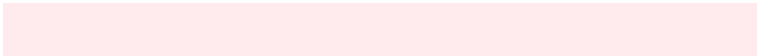
51.0146, 0.2542, 0.2925

Sweetspot

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



51.0170, 0.3582, 0.3190



86.6036, 0.3246, 0.3260



51.8725, 0.3076, 0.2645



18.0321, 0.3270, 0.3254



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.



51.0170, 0.3582, 0.3190



57.0243, 0.3701, 0.3170



58.8151, 0.3610, 0.3512



15.0914, 0.3269, 0.3254



9.9116, 0.6186, 0.3182



0.7897, 0.5847, 0.2995

Inverse Universe

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



51.0170, 0.3582, 0.3190



57.0243, 0.3701, 0.3170



62.6366, 0.2735, 0.3057



15.0914, 0.3269, 0.3254



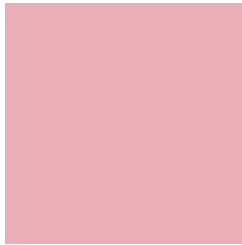
9.9116, 0.6186, 0.3182



0.7897, 0.5847, 0.2995

Previews

White Background



This preview shows how the Yxy color 51.0146, 0.3582, 0.3190 looks on a white background.

Color Contrast Check

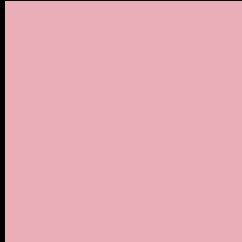
Large Text (above 18pt) WCAG AA × Fail

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 51.0146, 0.3582, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

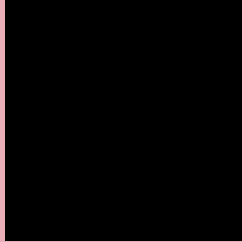
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0146, 0.3582, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 51.0146, 0.3582, 0.3190.



This preview shows how white text looks on a background with the Yxy color 51.0146, 0.3582, 0.3190.

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

51.0146, 0.3582, 0.3190

Protanopia

51.3632, 0.3137, 0.3265

Deuteranopia

51.0521, 0.3385, 0.3315



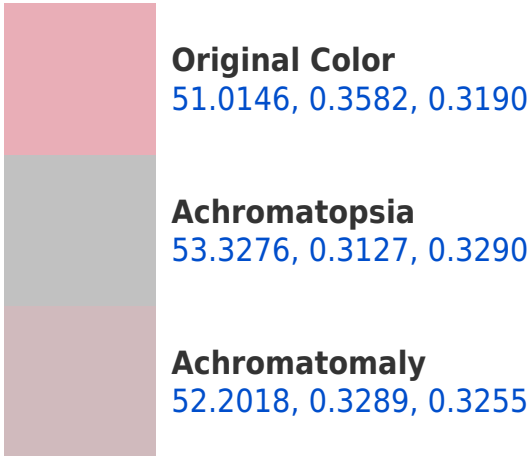
Tritanopia

50.7986, 0.3548, 0.3134

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0146, 0.3582, 0.3190 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(233, 174, 183) looks like.

```
.text, #text, p{  
    color:rgb(233, 174, 183)  
}
```

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(233, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 174, 183) }
```

Border

The CSS property to change the border of an element to Yxy 51.0146, 0.3582, 0.3190 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(233, 174, 183) }
```

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

```
.border{ border-color:rgb(233, 174, 183) }
```

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

Here you see how a box with a 4 pixel rgb(233, 174, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(233, 174,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0146, 0.3582, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 174, 183) }
```

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

```
.background{ background-color: rgb(233,  
174, 183) }
```

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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