

Converting Colors

$Yxy(51.1069, 0.3632, 0.3257)$

Have a look what the booklet for
Yxy(51.1069, 0.3632, 0.3257)
contains.

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Color

Yxy(51.1979, 0.3625, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E9AFB2
RGB	233, 175, 178
RGB Percent	91%, 69%, 70%
CMY	0.0863, 0.3137, 0.3021
CMYK	0.00, 0.25, 0.24, 0.09
HSL	357°, 57%, 80%
HSV	357°, 25%, 91%
XYZ	56.9651, 51.1979, 48.9822
YIQ	192.6840, 33.6050, 13.2290

Conversions

Conversions Part 2

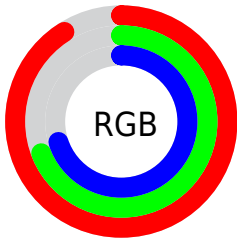
Format	Color
R _Y B	233, 175, 178
Decimal	15314866
CIE Lab	76.80, 21.57, 6.75
CIE LCh	77, 22.598, 17.384
Yxy	51.1979, 0.3625, 0.3258
Android (android.graphics.Color)	4293504946 (0xFFE9AFB2)
YUV	192.6840, -7.2392, 35.3571
Hunter-Lab	71.5527, 16.8916, 9.4993

Details

The Yxy color **51.1979, 0.3625, 0.3258** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.1032, 0.2778, 0.3323**, and the grayscale version is **53.1619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3523, 0.3273, 0.3261**, and **24.6298, 0.3766, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **42.0813, 0.3915, 0.3245**, and if you desaturate by 10%, it is **62.0270, 0.3391, 0.3271**.

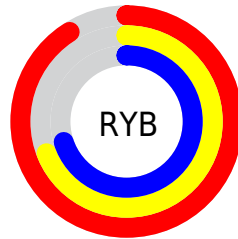
Distribution



Red (91%)

Green (69%)

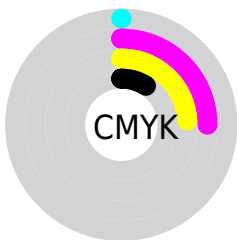
Blue (70%)



Red (91%)

Yellow (69%)

Blue (70%)

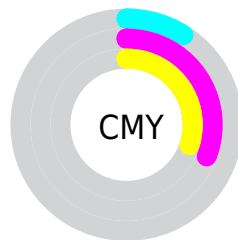


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1979, 0.3625, 0.3258 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 51.1979, 0.3625, 0.3258 by changing the saturation by 10% instead.


 51.1979, 0.3625,
0.3258

 51.1979, 0.3625,
0.3258

391.3322, 0.3378,
0.3278

 36.3661, 0.3686,
0.3252


 91.9472, 0.3536,
0.3266

 24.7171, 0.3764,
0.3244


118.6336, 0.3502,
0.3269

 15.8664, 0.3867,
0.3232


150.0403, 0.3474,
0.3271

 9.4297, 0.4008,
0.3214

186.5516, 0.3449,
0.3273

 5.0225, 0.4216,
0.3184

228.5521, 0.3428,
0.3274

 2.2605, 0.4549,
0.3126

276.4261, 0.3409,

 0.7527, 0.5433,

0.3276

330.5580, 0.3393,
0.3277

0.3125

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1979, 0.3625,
0.3258

51.1979, 0.3625,
0.3258

42.0813, 0.3915,
0.3245

62.0270, 0.3391,
0.3271

34.5831, 0.4268,
0.3233

74.6426, 0.3204,
0.3284

28.6106, 0.4685,
0.3224

89.1228, 0.3055,
0.3296

24.0592, 0.5146,
0.3222

96.0621, 0.2993,
0.3290

■ 20.8109, 0.5610,
0.3228

■ 18.7288, 0.6010,
0.3245

■ 17.6457, 0.6279,
0.3269

■ 17.3483, 0.6360,
0.3277

Harmonies

Analogous

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



51.1979, 0.3374, 0.3022



51.1979, 0.3625, 0.3258



51.1979, 0.3736, 0.3512

Triad

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



51.1979, 0.3625, 0.3258



51.1979, 0.3167, 0.3785



51.1979, 0.2602, 0.2841

Complementary

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



51.1979, 0.3625, 0.3258



73.1032, 0.2778, 0.3323

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.



51.1979, 0.2554, 0.3021



51.1979, 0.3625, 0.3258



51.1979, 0.2871, 0.3580

Square

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



51.1979, 0.3625, 0.3258



51.1979, 0.3463, 0.3834



51.1979, 0.2650, 0.3292



51.1979, 0.2783, 0.2785

Rectangle

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



51.1979, 0.3625, 0.3258



51.1979, 0.3714, 0.3663



51.1979, 0.2650, 0.3292



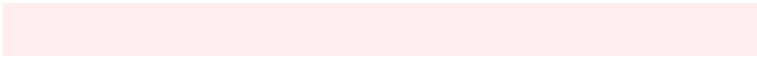
51.1979, 0.2570, 0.2888

Sweetspot

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



51.2003, 0.3625, 0.3258



88.0918, 0.3241, 0.3281



53.2264, 0.3124, 0.2665



18.6468, 0.3252, 0.3281



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.



51.2003, 0.3625, 0.3258



56.6941, 0.3770, 0.3251



61.7897, 0.3585, 0.3571



15.0665, 0.3285, 0.3278



9.8500, 0.6346, 0.3270



0.7779, 0.6200, 0.3189

Inverse Universe

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



51.2003, 0.3625, 0.3258



56.6941, 0.3770, 0.3251



60.0451, 0.2736, 0.2991



15.0665, 0.3285, 0.3278



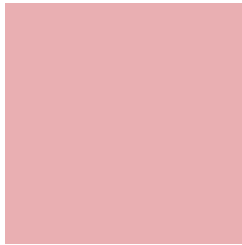
9.8500, 0.6346, 0.3270



0.7779, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 51.1979, 0.3625, 0.3258 looks on a white background.

Color Contrast Check

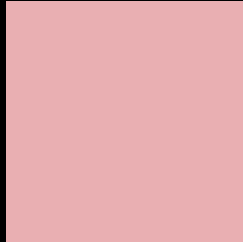
Large Text (above 18pt) WCAG AA × Fail

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 51.1979, 0.3625, 0.3258 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 51.1979, 0.3625, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 51.1979, 0.3625, 0.3258.



This preview shows how white text looks on a background with the Yxy color 51.1979, 0.3625, 0.3258.

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

51.1979, 0.3625, 0.3258

Protanopia

51.4097, 0.3192, 0.3328

Deuteranopia

51.1477, 0.3445, 0.3375



Tritanopia

51.3524, 0.3555, 0.3146

Trichromacy



Original Color

51.1979, 0.3625, 0.3258

Protanomaly

51.1098, 0.3341, 0.3303

Deuteranomaly

51.0325, 0.3505, 0.3326

Tritanomaly

51.2252, 0.3582, 0.3179

Monochromacy



Original Color

51.1979, 0.3625, 0.3258

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1585, 0.3297, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1979, 0.3625, 0.3258 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, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 178)  
}
```

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, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 178) }
```

Border

The CSS property to change the border of an element to Yxy 51.1979, 0.3625, 0.3258 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, 175, 178) }
```

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

```
.border{ border-color:rgb(233, 175, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1979, 0.3625, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 178) }
```

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

```
.background{ background-color: rgb(233,  
175, 178) }
```

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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