

Converting Colors

Yxy(51.5270, 0.3601, 0.3260)

Have a look what the booklet for
Yxy(51.5270, 0.3601, 0.3260)
contains.

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Color

Yxy(51.4611, 0.3604, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0B3
RGB	232, 176, 179
RGB Percent	91%, 69%, 70%
CMY	0.0902, 0.3098, 0.2979
CMYK	0.00, 0.24, 0.23, 0.09
HSL	357°, 55%, 80%
HSV	357°, 24%, 91%
XYZ	56.9438, 51.4611, 49.5967
YIQ	193.0860, 32.4130, 12.8050

Conversions

Conversions Part 2

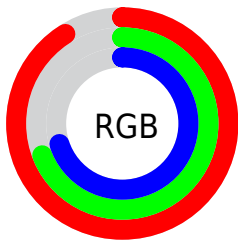
Format	Color
R _Y B	232, 176, 179
Decimal	15249587
CIE Lab	76.96, 20.83, 6.39
CIE LCh	77, 21.787, 17.048
Yxy	51.4611, 0.3604, 0.3257
Android (android.graphics.Color)	4293439667 (0xFFE8B0B3)
YUV	193.0860, -6.9444, 34.1276
Hunter-Lab	71.7364, 16.1531, 9.2239

Details

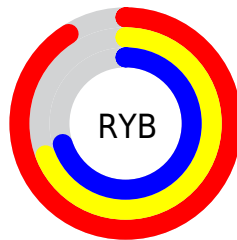
The Yxy color **51.4611, 0.3604, 0.3257** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.6003, 0.2788, 0.3324**, and the grayscale version is **53.4113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9714, 0.3266, 0.3261**, and **24.7862, 0.3737, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **42.3110, 0.3888, 0.3243**, and if you desaturate by 10%, it is **62.3119, 0.3375, 0.3271**.

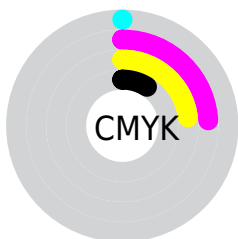
Distribution



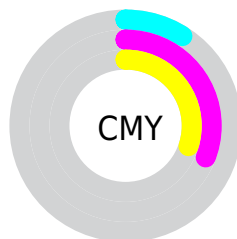
- Red (91%)
- Green (69%)
- Blue (70%)



- Red (91%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (9%)




- Cyan (9%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4611, 0.3604, 0.3257 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 51.4611, 0.3604, 0.3257 by changing the saturation by 10% instead.


 51.4611, 0.3604,
0.3257

 51.4611, 0.3604,
0.3257

392.3526, 0.3368,
0.3277

 36.5757, 0.3662,
0.3251


 92.3360, 0.3519,
0.3265

 24.8791, 0.3737,
0.3243

119.0943, 0.3487,
0.3268

 15.9870, 0.3835,
0.3232


150.5790, 0.3459,
0.3270

 9.5150, 0.3970,
0.3214

187.1745, 0.3436,
0.3272

 5.0786, 0.4169,
0.3185

229.2652, 0.3415,
0.3273

 2.2934, 0.4486,
0.3131

277.2356, 0.3398,

 0.7702, 0.5293,

0.3275

0.3119

331.4699, 0.3382,
0.3276

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4611, 0.3604,
0.3257

51.4611, 0.3604,
0.3257

42.3110, 0.3888,
0.3243

62.3119, 0.3375,
0.3271

34.7689, 0.4235,
0.3230

74.9360, 0.3192,
0.3285

28.7439, 0.4646,
0.3220

89.4104, 0.3045,
0.3297

24.1332, 0.5104,
0.3217

95.8962, 0.2987,
0.3290

■ 20.8215, 0.5569,
0.3223

■ 18.6751, 0.5977,
0.3240

■ 17.5316, 0.6259,
0.3265

■ 17.1841, 0.6357,
0.3276

Harmonies

Analogous

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



51.4611, 0.3362, 0.3029



51.4611, 0.3604, 0.3257



51.4611, 0.3713, 0.3502

Triad

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



51.4611, 0.3604, 0.3257



51.4611, 0.3169, 0.3767



51.4611, 0.2619, 0.2859

Complementary

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



51.4611, 0.3604, 0.3257



72.6003, 0.2788, 0.3324

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.



51.4611, 0.2575, 0.3034



51.4611, 0.3604, 0.3257



51.4611, 0.2883, 0.3572

Square

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



51.4611, 0.3604, 0.3257



51.4611, 0.3453, 0.3813



51.4611, 0.2669, 0.3296



51.4611, 0.2794, 0.2803

Rectangle

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



51.4611, 0.3604, 0.3257



51.4611, 0.3693, 0.3648



51.4611, 0.2669, 0.3296



51.4611, 0.2589, 0.2905

Sweetspot

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



51.4635, 0.3604, 0.3257



88.0952, 0.3241, 0.3281



53.4156, 0.3125, 0.2685



18.6476, 0.3251, 0.3280



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.



51.4635, 0.3604, 0.3257



57.8331, 0.3739, 0.3250



61.7239, 0.3568, 0.3562



14.3806, 0.3284, 0.3278



9.5454, 0.6342, 0.3267



0.7099, 0.6180, 0.3178

Inverse Universe

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



51.4635, 0.3604, 0.3257



57.8331, 0.3739, 0.3250



60.0394, 0.2748, 0.3001



14.3806, 0.3284, 0.3278



9.5454, 0.6342, 0.3267



0.7099, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 51.4611, 0.3604, 0.3257 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 51.4611, 0.3604, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

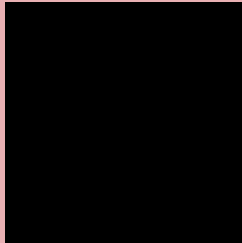
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4611, 0.3604, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 51.4611, 0.3604, 0.3257.



This preview shows how white text looks on a background with the Yxy color 51.4611, 0.3604, 0.3257.

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

51.4611, 0.3604, 0.3257

Protanopia

51.5425, 0.3200, 0.3327

Deuteranopia

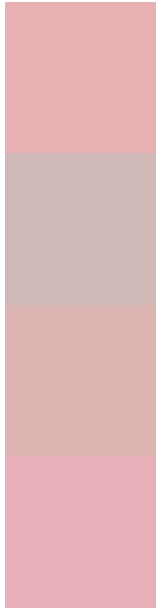
51.6415, 0.3426, 0.3363



Tritanopia

51.6144, 0.3535, 0.3145

Trichromacy



Original Color

51.4611, 0.3604, 0.3257

Protanomaly

51.1098, 0.3341, 0.3303

Deuteranomaly

51.4777, 0.3494, 0.3326

Tritanomaly

51.4864, 0.3562, 0.3179

Monochromacy



Original Color

51.4611, 0.3604, 0.3257

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.4369, 0.3287, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4611, 0.3604, 0.3257 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 179) }
```

Border

The CSS property to change the border of an element to Yxy 51.4611, 0.3604, 0.3257 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, 179) }
```

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

```
.border{ border-color:rgb(232, 176, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4611, 0.3604, 0.3257 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, 179) }
```

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

```
.background{ background-color: rgb(232,  
176, 179) }
```

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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