

Converting Colors

Yxy(51.9441, 0.3598, 0.3335)

Have a look what the booklet for
Yxy(51.9441, 0.3598, 0.3335)
contains.

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Color

Yxy(51.8293, 0.3596, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	E4B3AF
RGB	228, 179, 175
RGB Percent	89%, 70%, 69%
CMY	0.1059, 0.2980, 0.3136
CMYK	0.00, 0.21, 0.23, 0.11
HSL	5°, 49%, 79%
HSV	5°, 23%, 89%
XYZ	55.8520, 51.8293, 47.6357
YIQ	193.1950, 30.4880, 9.1440

Conversions

Conversions Part 2

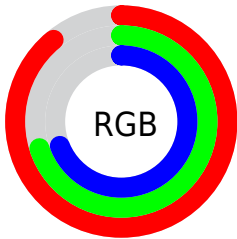
Format	Color
R _Y B	228, 179, 175
Decimal	14988207
CIE Lab	77.18, 17.16, 8.82
CIE LCh	77, 19.300, 27.207
Yxy	51.8293, 0.3596, 0.3337
Android (android.graphics.Color)	4293178287 (0xFFE4B3AF)
YUV	193.1950, -8.9701, 30.5240
Hunter-Lab	71.9926, 12.4937, 11.1640

Details

The Yxy color **51.8293, 0.3596, 0.3337** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0371, 0.2781, 0.3242**, and the grayscale version is **53.4913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3898, 0.3295, 0.3340**, and **25.1224, 0.3726, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **43.1928, 0.3880, 0.3359**, and if you desaturate by 10%, it is **61.9145, 0.3366, 0.3316**.

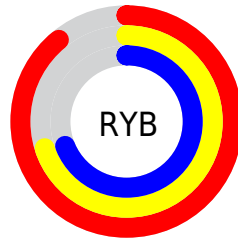
Distribution



Red (89%)

Green (70%)

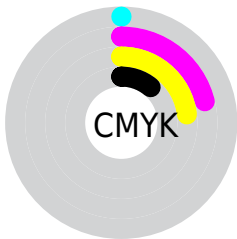
Blue (69%)



Red (89%)

Yellow (70%)

Blue (69%)

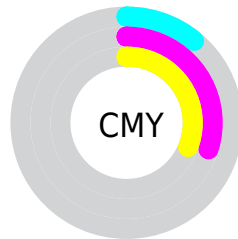


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (30%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8293, 0.3596, 0.3337 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 51.8293, 0.3596, 0.3337 by changing the saturation by 10% instead.


 51.8293, 0.3596,
0.3337

 51.8293, 0.3596,
0.3337


393.7773, 0.3364,
0.3318

 36.8690, 0.3653,
0.3340


 92.8794, 0.3512,
0.3331

 25.1061, 0.3726,
0.3344


119.7381, 0.3481,
0.3329

 16.1561, 0.3823,
0.3348

151.3317, 0.3454,
0.3326

 9.6347, 0.3956,
0.3351

188.0446, 0.3431,
0.3324

 5.1574, 0.4150,
0.3351

230.2612, 0.3411,
0.3322

 2.3399, 0.4460,
0.3340

278.3659, 0.3393,

 0.7947, 0.5391,

0.3321

0.3511

332.7431, 0.3378,
0.3319

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8293, 0.3596,
0.3337

51.8293, 0.3596,
0.3337

43.1928, 0.3880,
0.3359

61.9145, 0.3366,
0.3316

35.9318, 0.4223,
0.3379

73.5030, 0.3179,
0.3296

29.9773, 0.4627,
0.3396

86.6556, 0.3029,
0.3278

25.2517, 0.5077,
0.3406

95.2316, 0.2964,
0.3290

■ 21.6689, 0.5537,
0.3403

■ 19.1321, 0.5946,
0.3386

■ 17.5279, 0.6236,
0.3355

■ 16.8957, 0.6356,
0.3336

Harmonies

Analogous

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



51.8293, 0.3417, 0.3123



51.8293, 0.3596, 0.3337



51.8293, 0.3643, 0.3549

Triad

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



51.8293, 0.3596, 0.3337



51.8293, 0.3077, 0.3663



51.8293, 0.2717, 0.2879

Complementary

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



51.8293, 0.3596, 0.3337



68.0371, 0.2781, 0.3242

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.



51.8293, 0.2636, 0.3002



51.8293, 0.3596, 0.3337



51.8293, 0.2838, 0.3460

Square

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



51.8293, 0.3596, 0.3337



51.8293, 0.3337, 0.3752



51.8293, 0.2679, 0.3213



51.8293, 0.2906, 0.2865

Rectangle

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



51.8293, 0.3596, 0.3337



51.8293, 0.3593, 0.3663



51.8293, 0.2679, 0.3213



51.8293, 0.2677, 0.2908

Sweetspot

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



51.8317, 0.3596, 0.3337



88.8175, 0.3246, 0.3303



52.5722, 0.3182, 0.2750



18.8142, 0.3257, 0.3305



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.



51.8317, 0.3596, 0.3337



61.0803, 0.3729, 0.3348



63.2702, 0.3531, 0.3628



14.5407, 0.3291, 0.3308



9.8222, 0.6343, 0.3345



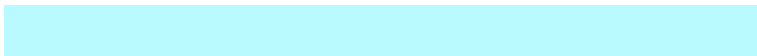
0.7869, 0.6193, 0.3464

Inverse Universe

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



68.0371, 0.2781, 0.3242



85.5110, 0.2713, 0.3231



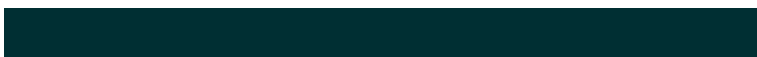
55.0981, 0.2756, 0.2927



16.1415, 0.2982, 0.3272



30.1841, 0.2182, 0.3055



2.2860, 0.2192, 0.3091

Previews

White Background



This preview shows how the Yxy color 51.8293, 0.3596, 0.3337 looks on a white background.

Color Contrast Check

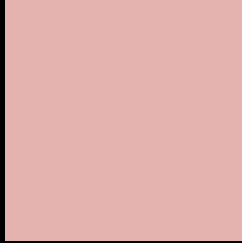
Large Text (above 18pt) WCAG AA × Fail

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 51.8293, 0.3596, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

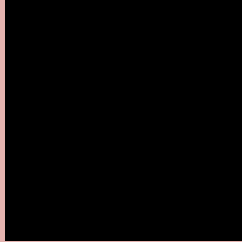
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8293, 0.3596, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 51.8293, 0.3596, 0.3337.



This preview shows how white text looks on a background with the Yxy color 51.8293, 0.3596, 0.3337.

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

51.8293, 0.3596, 0.3337

Protanopia

52.0334, 0.3255, 0.3402

Deuteranopia

51.7840, 0.3478, 0.3410



Tritanopia

51.9850, 0.3487, 0.3144

Trichromacy



Original Color

51.8293, 0.3596, 0.3337

Protanomaly

51.7824, 0.3371, 0.3375

Deuteranomaly

51.7275, 0.3526, 0.3385

Tritanomaly

52.0016, 0.3520, 0.3211

Monochromacy



Original Color

51.8293, 0.3596, 0.3337

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6334, 0.3294, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8293, 0.3596, 0.3337 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(228, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(228, 179, 175)  
}
```

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(228, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 179, 175) }
```

Border

The CSS property to change the border of an element to Yxy 51.8293, 0.3596, 0.3337 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(228, 179, 175) }
```

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

```
.border{ border-color:rgb(228, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(228, 179,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8293, 0.3596, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 179, 175) }
```

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

```
.background{ background-color: rgb(228,  
179, 175) }
```

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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