

Converting Colors

$Yxy(50.4803, 0.3579, 0.3381)$

Have a look what the booklet for
Yxy(50.4803, 0.3579, 0.3381)
contains.

Yxy(50.7101, 0.3578, 0.3385)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7101, 0.3578, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	DEB3AB
RGB	222, 179, 171
RGB Percent	87%, 70%, 67%
CMY	0.1293, 0.2981, 0.3294
CMYK	0.00, 0.19, 0.23, 0.13
HSL	9°, 44%, 77%
HSV	9°, 23%, 87%
XYZ	53.6014, 50.7101, 45.4968
YIQ	190.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

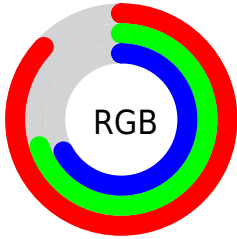
Format	Color
RYB	222, 180, 171
Decimal	14594987
CIELab	76.50, 14.37, 9.97
CIELCh	77, 17.491, 34.736
Yxy	50.7101, 0.3578, 0.3385
Android (android.graphics.Color)	4292785067 (0xFFDEB3AB)
YUV	190.9450, -9.8329, 27.2352
Hunter-Lab	71.2110, 9.7398, 11.9673

Details

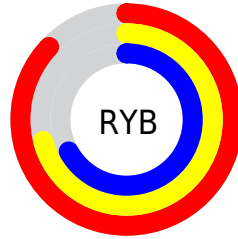
The Yxy color **50.7101, 0.3578, 0.3385** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.0494, 0.2781, 0.3193**, and the grayscale version is **52.1153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1676, 0.3321, 0.3380**, and **24.3606, 0.3702, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **42.9315, 0.3847, 0.3429**, and if you desaturate by 10%, it is **59.6551, 0.3356, 0.3342**.

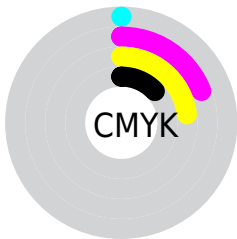
Distribution



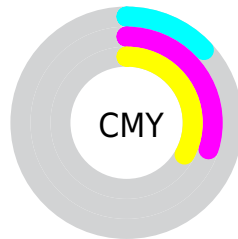
- Red (87%)
- Green (70%)
- Blue (67%)



- Red (87%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (13%)





- Cyan (13%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7101, 0.3578, 0.3385 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 50.7101, 0.3578, 0.3385 by changing the saturation by 10% instead.


 50.7101, 0.3578,
0.3385

 50.7101, 0.3578,
0.3385


389.4364, 0.3354,
0.3342

 35.9779, 0.3633,
0.3394


 91.2261, 0.3497,
0.3370

 24.4172, 0.3704,
0.3406


117.7788, 0.3466,
0.3365

 15.6434, 0.3798,
0.3419


149.0403, 0.3440,
0.3360

 9.2721, 0.3928,
0.3436

185.3953, 0.3418,
0.3355

 4.9191, 0.4119,
0.3455

227.2280, 0.3399,
0.3351

 2.1999, 0.4425,
0.3473

274.9228, 0.3382,

 0.7199, 0.5655,

0.3348

0.3876

328.8641, 0.3367,
0.3345

0.0000, 0.0000,
0.0000

50.7101, 0.3578,
0.3385

50.7101, 0.3578,
0.3385

42.9315, 0.3847,
0.3429

59.6551, 0.3356,
0.3342

36.2645, 0.4168,
0.3472

69.8048, 0.3175,
0.3301

30.6600, 0.4544,
0.3508

81.2040, 0.3026,
0.3264

26.0628, 0.4962,
0.3531

93.5790, 0.2929,
0.3278

22.4125, 0.5395,
0.3533

94.2735, 0.2929,
0.3289

■ 19.6420, 0.5797,
0.3507

■ 17.6752, 0.6110,
0.3453

■ 16.7204, 0.6264,
0.3409

Harmonies

Analogous

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



50.7101, 0.3441, 0.3185



50.7101, 0.3578, 0.3385



50.7101, 0.3588, 0.3570

Triad

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



50.7101, 0.3578, 0.3385



50.7101, 0.3023, 0.3591



50.7101, 0.2787, 0.2901

Complementary

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



50.7101, 0.3578, 0.3385



62.0494, 0.2781, 0.3193

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.



50.7101, 0.2686, 0.2990



50.7101, 0.3578, 0.3385



50.7101, 0.2818, 0.3390

Square

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



50.7101, 0.3578, 0.3385



50.7101, 0.3261, 0.3702



50.7101, 0.2696, 0.3167



50.7101, 0.2981, 0.2912

Rectangle

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



50.7101, 0.3578, 0.3385



50.7101, 0.3522, 0.3661



50.7101, 0.2696, 0.3167



50.7101, 0.2742, 0.2920

Sweetspot

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



50.7124, 0.3578, 0.3385



89.6699, 0.3244, 0.3318



49.5383, 0.3216, 0.2801



19.0109, 0.3255, 0.3320



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.



50.7124, 0.3578, 0.3385



63.6322, 0.3713, 0.3408



61.7411, 0.3515, 0.3671



14.0451, 0.3288, 0.3327



10.0327, 0.6244, 0.3424



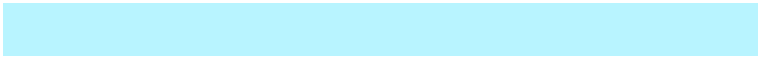
0.8039, 0.5979, 0.3635

Inverse Universe

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



62.0494, 0.2781, 0.3193



81.9588, 0.2706, 0.3168



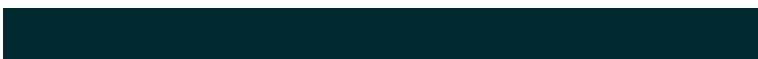
50.2726, 0.2756, 0.2877



15.1879, 0.2982, 0.3252



24.4439, 0.2107, 0.2786



1.7940, 0.2131, 0.2872

Previews

White Background



This preview shows how the Yxy color 50.7101, 0.3578, 0.3385 looks on a white background.

Color Contrast Check

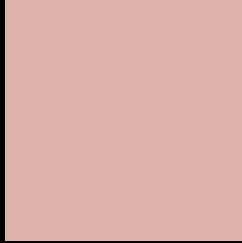
Large Text (above 18pt) WCAG AA × Fail

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 50.7101, 0.3578, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

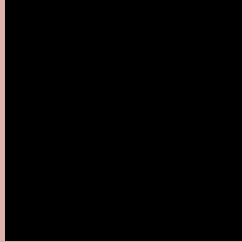
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7101, 0.3578, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 50.7101, 0.3578, 0.3385.



This preview shows how white text looks on a background with the Yxy color 50.7101, 0.3578, 0.3385.

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

50.7101, 0.3578, 0.3385

Protanopia

50.7031, 0.3280, 0.3441

Deuteranopia

50.6543, 0.3507, 0.3435



Tritanopia

50.6157, 0.3435, 0.3130

Trichromacy



Original Color

50.7101, 0.3578, 0.3385

Protanomaly

50.7331, 0.3387, 0.3426

Deuteranomaly

50.7017, 0.3537, 0.3422

Tritanomaly

50.5512, 0.3486, 0.3221

Monochromacy



Original Color

50.7101, 0.3578, 0.3385

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5579, 0.3277, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7101, 0.3578, 0.3385 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(222, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(222, 179, 171)  
}
```

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(222, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 179, 171) }
```

Border

The CSS property to change the border of an element to Yxy 50.7101, 0.3578, 0.3385 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(222, 179, 171) }
```

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

```
.border{ border-color:rgb(222, 179, 171) }
```

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

Here you see how a box with a 4 pixel rgb(222, 179, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(222, 179,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7101, 0.3578, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 179, 171) }
```

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

```
.background{ background-color: rgb(222,  
179, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor