

Converting Colors

Yxy(51.6635, 0.3478, 0.3460)

Have a look what the booklet for
Yxy(51.6635, 0.3478, 0.3460)
contains.

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Color

Yxy(51.6352, 0.3474, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	D4B9AB
RGB	212, 185, 171
RGB Percent	83%, 73%, 67%
CMY	0.1687, 0.2744, 0.3295
CMYK	0.00, 0.13, 0.19, 0.17
HSL	21°, 32%, 75%
HSV	21°, 19%, 83%
XYZ	51.8441, 51.6352, 45.7554
YIQ	191.4770, 20.5860, 1.3700

Conversions

Conversions Part 2

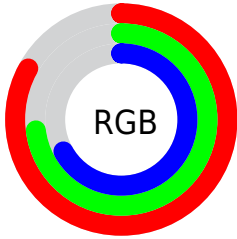
Format	Color
RYB	212, 192, 171
Decimal	13941163
CIELab	77.06, 7.40, 10.65
CIELCh	77, 12.967, 55.203
Yxy	51.6352, 0.3474, 0.3460
Android (android.graphics.Color)	4292131243 (0xFFD4B9AB)
YUV	191.4770, -10.0952, 17.9987
Hunter-Lab	71.8576, 3.0340, 12.5474

Details

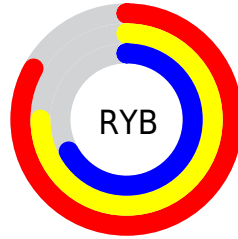
The Yxy color **51.6352, 0.3474, 0.3460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7717, 0.2829, 0.3114**, and the grayscale version is **52.4418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6616, 0.3314, 0.3438**, and **25.0025, 0.3568, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **45.3421, 0.3700, 0.3554**, and if you desaturate by 10%, it is **58.6346, 0.3281, 0.3370**.

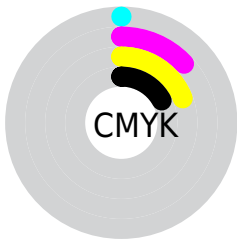
Distribution



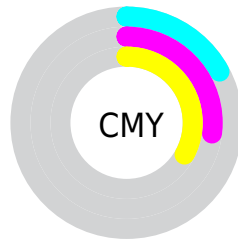
- Red (83%)
- Green (73%)
- Blue (67%)



- Red (83%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6352, 0.3474, 0.3460 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 51.6352, 0.3474, 0.3460 by changing the saturation by 10% instead.

 51.6352, 0.3474,
0.3460

 51.6352, 0.3474,
0.3460


393.0267, 0.3302,
0.3379

 36.7144, 0.3516,
0.3479


 92.5930, 0.3412,
0.3431

 24.9864, 0.3570,
0.3503


119.3988, 0.3389,
0.3420

 16.0669, 0.3641,
0.3534


150.9350, 0.3369,
0.3411

 9.5715, 0.3739,
0.3575

187.5861, 0.3352,
0.3403

 5.1158, 0.3882,
0.3632

229.7364, 0.3337,
0.3395

 2.3154, 0.4110,
0.3715

277.7703, 0.3324,

 0.7818, 0.5104,

0.3389

0.4307

332.0723, 0.3313,
0.3384

0.0000, 0.0000,
0.0000

51.6352, 0.3474,
0.3460

51.6352, 0.3474,
0.3460

45.3421, 0.3700,
0.3554

58.6346, 0.3281,
0.3370

39.7259, 0.3963,
0.3648

66.3549, 0.3117,
0.3285

34.7650, 0.4262,
0.3735

74.8188, 0.2978,
0.3206

30.4341, 0.4593,
0.3807

83.9960, 0.2864,
0.3142

26.7061, 0.4943,
0.3853

92.5585, 0.2871,
0.3286

■ 23.5516, 0.5289,
0.3858

■ 92.7331, 0.2871,
0.3289

■ 20.9383, 0.5600,
0.3815

■ 18.8245, 0.5854,
0.3727

■ 18.6996, 0.5870,
0.3721

Harmonies

Analogous

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



51.6352, 0.3435, 0.3315



51.6352, 0.3474, 0.3460



51.6352, 0.3417, 0.3566

Triad

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



51.6352, 0.3474, 0.3460



51.6352, 0.2942, 0.3415



51.6352, 0.2969, 0.2998

Complementary

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



51.6352, 0.3474, 0.3460



53.7717, 0.2829, 0.3114

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.



51.6352, 0.2843, 0.3015



51.6352, 0.3474, 0.3460



51.6352, 0.2828, 0.3252

Square

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



51.6352, 0.3474, 0.3460



51.6352, 0.3107, 0.3544



51.6352, 0.2792, 0.3106



51.6352, 0.3140, 0.3054

Rectangle

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



51.6352, 0.3474, 0.3460



51.6352, 0.3333, 0.3597



51.6352, 0.2792, 0.3106



51.6352, 0.2920, 0.2995

Sweetspot

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



51.6375, 0.3474, 0.3460



92.8000, 0.3224, 0.3341



47.2059, 0.3264, 0.2967



19.7006, 0.3236, 0.3347



0.0000, 0.0000, 0.0000



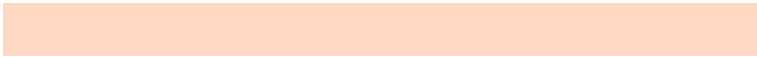
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.6375, 0.3474, 0.3460



74.5909, 0.3558, 0.3497



60.6637, 0.3431, 0.3693



13.1088, 0.3283, 0.3370



11.7156, 0.5844, 0.3742



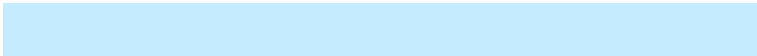
0.8583, 0.5509, 0.4008

Inverse Universe

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



53.7717, 0.2829, 0.3114



78.3768, 0.2769, 0.3074



45.1773, 0.2813, 0.2853



13.3588, 0.2982, 0.3208



14.6053, 0.1927, 0.2137



1.0320, 0.1989, 0.2359

Previews

White Background



This preview shows how the Yxy color 51.6352, 0.3474, 0.3460 looks on a white background.

Color Contrast Check

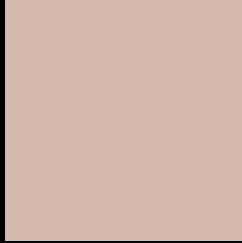
Large Text (above 18pt) WCAG AA × Fail

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 51.6352, 0.3474, 0.3460 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 51.6352, 0.3474, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 51.6352, 0.3474, 0.3460.



This preview shows how white text looks on a background with the Yxy color 51.6352, 0.3474, 0.3460.

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

51.6352, 0.3474, 0.3460

Protanopia

51.8498, 0.3326, 0.3502

Deuteranopia

51.8202, 0.3512, 0.3446



Tritanopia

51.4803, 0.3298, 0.3115

Trichromacy



Original Color

51.6352, 0.3474, 0.3460

Protanomaly

51.6415, 0.3381, 0.3488

Deuteranomaly

51.6683, 0.3503, 0.3446

Tritanomaly

51.3399, 0.3363, 0.3231

Monochromacy



Original Color

51.6352, 0.3474, 0.3460

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9980, 0.3249, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6352, 0.3474, 0.3460 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(212, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(212, 185, 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(212, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 185, 171) }
```

Border

The CSS property to change the border of an element to Yxy 51.6352, 0.3474, 0.3460 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(212, 185, 171) }
```

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

```
.border{ border-color:rgb(212, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(212, 185,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6352, 0.3474, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 185, 171) }
```

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

```
.background{ background-color: rgb(212,  
185, 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](#).

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