

Converting Colors

$Yxy(50.0174, 0.3518, 0.3314)$

Have a look what the booklet for
Yxy(50.0174, 0.3518, 0.3314)
contains.

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Color

Yxy(50.1910, 0.3518, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	DCB2B0
RGB	220, 178, 176
RGB Percent	86%, 70%, 69%
CMY	0.1374, 0.3019, 0.3098
CMYK	0.00, 0.19, 0.20, 0.14
HSL	3°, 39%, 78%
HSV	3°, 20%, 86%
XYZ	53.2645, 50.1910, 47.9502
YIQ	190.3300, 25.6740, 8.2820

Conversions

Conversions Part 2

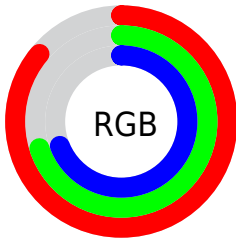
Format	Color
R _Y B	220, 178, 176
Decimal	14463664
CIE Lab	76.19, 14.87, 6.78
CIE LCh	76, 16.345, 24.507
Yxy	50.1910, 0.3518, 0.3315
Android (android.graphics.Color)	4292653744 (0xFFDCB2B0)
YUV	190.3300, -7.0647, 26.0206
Hunter-Lab	70.8456, 10.2236, 9.4629

Details

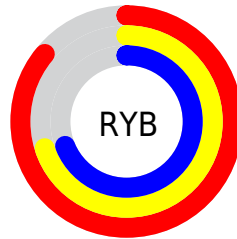
The Yxy color **50.1910, 0.3518, 0.3315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.5090, 0.2828, 0.3265**, and the grayscale version is **51.7228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9318, 0.3283, 0.3310**, and **24.0150, 0.3619, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **41.6695, 0.3786, 0.3329**, and if you desaturate by 10%, it is **60.1355, 0.3301, 0.3302**.

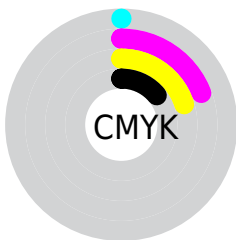
Distribution



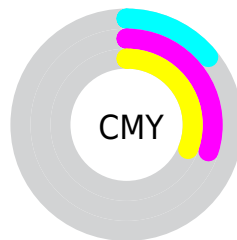
- Red (86%)
- Green (70%)
- Blue (69%)



- Red (86%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1910, 0.3518, 0.3315 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 50.1910, 0.3518, 0.3315 by changing the saturation by 10% instead.


 50.1910, 0.3518,
0.3315

 50.1910, 0.3518,
0.3315


387.4124, 0.3324,
0.3305

 35.5652, 0.3566,
0.3317


 90.4578, 0.3448,
0.3312

 24.0986, 0.3628,
0.3318


116.8676, 0.3421,
0.3311

 15.4068, 0.3710,
0.3319


147.9741, 0.3399,
0.3310

 9.1054, 0.3823,
0.3319

184.1619, 0.3379,
0.3309

 4.8100, 0.3991,
0.3317

225.8152, 0.3363,
0.3308

 2.1362, 0.4262,
0.3304

273.3184, 0.3348,

 0.6849, 0.5175,

0.3307

0.3454

327.0560, 0.3335,
0.3306

0.0000, 0.0000,
0.0000

50.1910, 0.3518,
0.3315

50.1910, 0.3518,
0.3315

41.6695, 0.3786,
0.3329

60.1355, 0.3301,
0.3302

34.4994, 0.4115,
0.3342

71.5565, 0.3127,
0.3290

28.6135, 0.4508,
0.3354

84.5134, 0.2987,
0.3279

23.9358, 0.4954,
0.3361

93.9510, 0.2917,
0.3289

20.3825, 0.5424,
0.3362

■ 17.8592, 0.5859,
0.3354

■ 16.2558, 0.6189,
0.3337

■ 15.4313, 0.6374,
0.3321

■ 15.4309, 0.6374,
0.3321

Harmonies

Analogous

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



50.1910, 0.3357, 0.3131



50.1910, 0.3518, 0.3315



50.1910, 0.3570, 0.3499

Triad

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



50.1910, 0.3518, 0.3315



50.1910, 0.3105, 0.3619



50.1910, 0.2764, 0.2943

Complementary

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



50.1910, 0.3518, 0.3315



64.5090, 0.2828, 0.3265

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.



50.1910, 0.2703, 0.3058



50.1910, 0.3518, 0.3315



50.1910, 0.2896, 0.3454

Square

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



50.1910, 0.3518, 0.3315



50.1910, 0.3326, 0.3685



50.1910, 0.2751, 0.3245



50.1910, 0.2920, 0.2921

Rectangle

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



50.1910, 0.3518, 0.3315



50.1910, 0.3535, 0.3599



50.1910, 0.2751, 0.3245



50.1910, 0.2732, 0.2972

Sweetspot

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



50.1933, 0.3518, 0.3315



90.0922, 0.3228, 0.3297



51.3471, 0.3162, 0.2811



19.0626, 0.3240, 0.3298



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.



50.1933, 0.3518, 0.3315



64.9057, 0.3624, 0.3321



59.3983, 0.3470, 0.3562



13.1472, 0.3290, 0.3301



9.1033, 0.6365, 0.3328



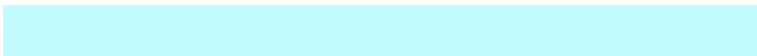
0.6244, 0.6259, 0.3413

Inverse Universe

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



64.5090, 0.2828, 0.3265



88.3975, 0.2769, 0.3259



54.1077, 0.2811, 0.3002



14.7213, 0.2982, 0.3279



30.0921, 0.2207, 0.3146



1.9819, 0.2214, 0.3171

Previews

White Background



This preview shows how the Yxy color 50.1910, 0.3518, 0.3315 looks on a white background.

Color Contrast Check

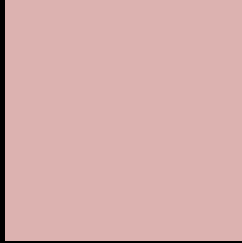
Large Text (above 18pt) WCAG AA × Fail

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 50.1910, 0.3518, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

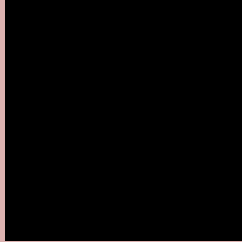
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1910, 0.3518, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 50.1910, 0.3518, 0.3315.



This preview shows how white text looks on a background with the Yxy color 50.1910, 0.3518, 0.3315.

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

50.1910, 0.3518, 0.3315

Protanopia

50.2143, 0.3224, 0.3366

Deuteranopia

50.3999, 0.3438, 0.3376



Tritanopia

50.2980, 0.3418, 0.3129

Trichromacy



Original Color

50.1910, 0.3518, 0.3315

Protanomaly

50.2322, 0.3330, 0.3352

Deuteranomaly

50.4390, 0.3467, 0.3363

Tritanomaly

50.3192, 0.3450, 0.3198

Monochromacy



Original Color

50.1910, 0.3518, 0.3315

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.0381, 0.3262, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1910, 0.3518, 0.3315 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(220, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(220, 178, 176)  
}
```

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(220, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 178, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.1910, 0.3518, 0.3315 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(220, 178, 176) }
```

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

```
.border{ border-color:rgb(220, 178, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(220, 178,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1910, 0.3518, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 178, 176) }
```

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

```
.background{ background-color: rgb(220,  
178, 176) }
```

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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