

Converting Colors

$Yxy(49.0201, 0.3420, 0.3352)$

Have a look what the booklet for
Yxy(49.0201, 0.3420, 0.3352)
contains.

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Color

Yxy(49.1476, 0.3415, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	D0B4AF
RGB	208, 180, 175
RGB Percent	82%, 71%, 69%
CMY	0.1843, 0.2941, 0.3137
CMYK	0.00, 0.13, 0.16, 0.18
HSL	9°, 26%, 75%
HSV	9°, 16%, 82%
XYZ	50.0713, 49.1476, 47.4028
YIQ	187.8020, 18.2930, 4.3810

Conversions

Conversions Part 2

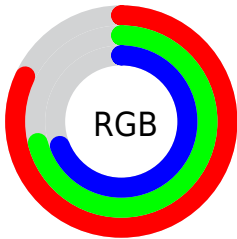
Format	Color
R _Y B	208, 181, 175
Decimal	13677743
CIE Lab	75.54, 9.24, 6.25
CIE LCh	76, 11.154, 34.092
Yxy	49.1476, 0.3415, 0.3352
Android (android.graphics.Color)	4291867823 (0xFFD0B4AF)
YUV	187.8020, -6.3114, 17.7136
Hunter-Lab	70.1053, 4.8056, 8.9839

Details

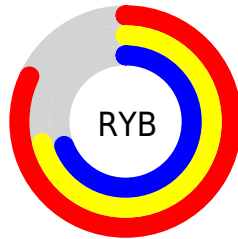
The Yxy color $49.1476, 0.3415, 0.3352$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $56.3763, 0.2886, 0.3227$, and the grayscale version is $50.2010, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9641, 0.3294, 0.3350$, and $23.3811, 0.3489, 0.3357$ is the 20% darker color. If you saturate the color by 10%, you get $41.7180, 0.3649, 0.3394$, and if you desaturate by 10%, it is $57.6144, 0.3223, 0.3312$.

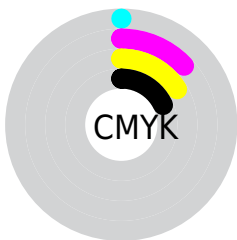
Distribution



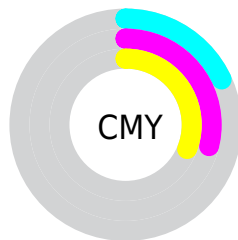
- Red (82%)
- Green (71%)
- Blue (69%)



- Red (82%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (18%)




- Cyan (18%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1476, 0.3415, 0.3352 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 49.1476, 0.3415, 0.3352 by changing the saturation by 10% instead.

 49.1476, 0.3415,
0.3352

 49.1476, 0.3415,
0.3352

383.3231, 0.3271,
0.3323

 34.7366, 0.3451,
0.3359


 88.9106, 0.3363,
0.3342

 23.4600, 0.3497,
0.3367


115.0314, 0.3343,
0.3338

 14.9336, 0.3557,
0.3378


145.8243, 0.3327,
0.3335

 8.7728, 0.3642,
0.3391

181.6736, 0.3313,
0.3332

 4.5933, 0.3768,
0.3409

222.9637, 0.3300,
0.3329

 2.0107, 0.3975,
0.3433

270.0791, 0.3289,

 0.6137, 0.4891,

0.3327

0.3711

323.4041, 0.3280,
0.3325

0.0000, 0.0000,
0.0000

49.1476, 0.3415,
0.3352

49.1476, 0.3415,
0.3352

41.7180, 0.3649,
0.3394

57.6144, 0.3223,
0.3312

35.2792, 0.3931,
0.3437

67.1492, 0.3066,
0.3275

29.7911, 0.4268,
0.3477

77.7899, 0.2937,
0.3241

25.2085, 0.4656,
0.3509

89.3627, 0.2847,
0.3243

21.4823, 0.5082,
0.3527

92.1500, 0.2849,
0.3289

■ 18.5586, 0.5512,
0.3522

■ 16.3777, 0.5896,
0.3489

■ 14.8704, 0.6177,
0.3430

■ 14.4197, 0.6266,
0.3407

Harmonies

Analogous

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



49.1476, 0.3327, 0.3220



49.1476, 0.3415, 0.3352



49.1476, 0.3424, 0.3472

Triad

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



49.1476, 0.3415, 0.3352



49.1476, 0.3065, 0.3483



49.1476, 0.2905, 0.3038

Complementary

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



49.1476, 0.3415, 0.3352



56.3763, 0.2886, 0.3227

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.



49.1476, 0.2839, 0.3100



49.1476, 0.3415, 0.3352



49.1476, 0.2930, 0.3358

Square

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



49.1476, 0.3415, 0.3352



49.1476, 0.3219, 0.3553



49.1476, 0.2848, 0.3217



49.1476, 0.3031, 0.3042

Rectangle

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



49.1476, 0.3415, 0.3352



49.1476, 0.3383, 0.3529



49.1476, 0.2848, 0.3217



49.1476, 0.2875, 0.3051

Sweetspot

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



49.1498, 0.3415, 0.3352



92.4984, 0.3209, 0.3309



48.3832, 0.3186, 0.2957



19.5803, 0.3221, 0.3312



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.



49.1498, 0.3415, 0.3352



73.7865, 0.3488, 0.3366



56.1881, 0.3384, 0.3548



12.0937, 0.3287, 0.3326



9.0763, 0.6247, 0.3422



0.6017, 0.5936, 0.3668

Inverse Universe

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



56.3763, 0.2886, 0.3227



87.3392, 0.2837, 0.3213



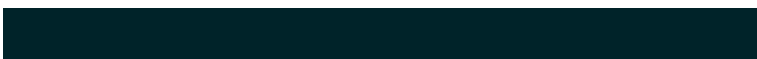
49.0172, 0.2877, 0.3018



13.0886, 0.2983, 0.3254



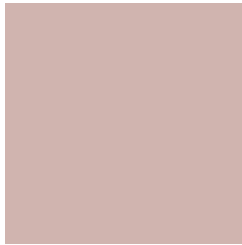
22.4118, 0.2112, 0.2804



1.3379, 0.2140, 0.2902

Previews

White Background



This preview shows how the Yxy color 49.1476, 0.3415, 0.3352 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 49.1476, 0.3415, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

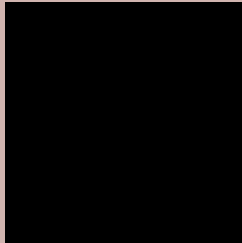
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1476, 0.3415, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 49.1476, 0.3415, 0.3352.



This preview shows how white text looks on a background with the Yxy color 49.1476, 0.3415, 0.3352.

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

49.1476, 0.3415, 0.3352

Protanopia

48.9886, 0.3233, 0.3379

Deuteranopia

49.1476, 0.3415, 0.3352



Tritanopia

49.3040, 0.3300, 0.3135

Trichromacy



Original Color

49.1476, 0.3415, 0.3352

Protanomaly

48.9116, 0.3296, 0.3366

Deuteranomaly

49.1476, 0.3415, 0.3352

Tritanomaly

49.2983, 0.3340, 0.3218

Monochromacy



Original Color

49.1476, 0.3415, 0.3352

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.7189, 0.3228, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1476, 0.3415, 0.3352 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(208, 180, 175)` looks like.

```
.text, #text, p{  
    color:rgb(208, 180, 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(208, 180, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 180, 175) }
```

Border

The CSS property to change the border of an element to Yxy 49.1476, 0.3415, 0.3352 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(208, 180, 175) }
```

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

```
.border{ border-color:rgb(208, 180, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 180, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 180, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 180, 175);  
box-shadow:4px 4px 4px 4px rgb(208, 180,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1476, 0.3415, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 180, 175) }
```

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

```
.background{ background-color: rgb(208,  
180, 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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