

Converting Colors

$Yxy(49.7986, 0.3518, 0.3338)$

Have a look what the booklet for
Yxy(49.7986, 0.3518, 0.3338)
contains.

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Color

Yxy(49.8022, 0.3518, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	DAB2AE
RGB	218, 178, 174
RGB Percent	85%, 70%, 68%
CMY	0.1451, 0.3019, 0.3177
CMYK	0.00, 0.18, 0.20, 0.15
HSL	5°, 37%, 77%
HSV	5°, 20%, 85%
XYZ	52.4720, 49.8022, 46.8788
YIQ	189.5040, 25.1240, 7.2360

Conversions

Conversions Part 2

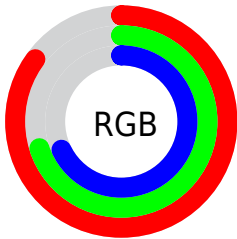
Format	Color
RYB	218, 178, 174
Decimal	14332590
CIELab	75.95, 13.85, 7.51
CIELCh	76, 15.752, 28.475
Yxy	49.8022, 0.3518, 0.3339
Android (android.graphics.Color)	4292522670 (0xFFDAB2AE)
YUV	189.5040, -7.6435, 24.9910
Hunter-Lab	70.5707, 9.2230, 10.0142

Details

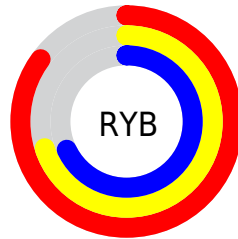
The Yxy color **49.8022, 0.3518, 0.3339** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.1360, 0.2824, 0.3240**, and the grayscale version is **51.2270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7628, 0.3303, 0.3340**, and **23.7538, 0.3619, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **41.7016, 0.3781, 0.3365**, and if you desaturate by 10%, it is **59.1830, 0.3304, 0.3314**.

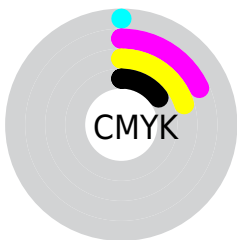
Distribution



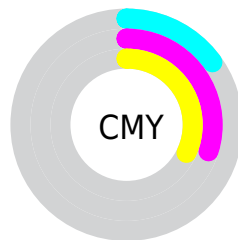
- Red (85%)
- Green (70%)
- Blue (68%)



- Red (85%)
- Yellow (70%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8022, 0.3518, 0.3339 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 49.8022, 0.3518, 0.3339 by changing the saturation by 10% instead.

 49.8022, 0.3518,
0.3339

 49.8022, 0.3518,
0.3339


385.8919, 0.3323,
0.3318

 35.2563, 0.3566,
0.3343


 89.8817, 0.3447,
0.3332

 23.8603, 0.3628,
0.3349


116.1841, 0.3421,
0.3329

 15.2301, 0.3711,
0.3355


147.1741, 0.3398,
0.3327

 8.9810, 0.3825,
0.3361

183.2361, 0.3379,
0.3324

 4.7288, 0.3994,
0.3367

224.7545, 0.3362,
0.3322

 2.0890, 0.4268,
0.3369

272.1136, 0.3348,

 0.6584, 0.5328,

0.3321

0.3618

325.6980, 0.3335,
0.3319

0.0000, 0.0000,
0.0000

49.8022, 0.3518,
0.3339

49.8022, 0.3518,
0.3339

41.7016, 0.3781,
0.3365

59.1830, 0.3304,
0.3314

34.8193, 0.4101,
0.3391

69.8890, 0.3130,
0.3290

29.0982, 0.4481,
0.3413

81.9714, 0.2989,
0.3269

24.4743, 0.4912,
0.3428

93.6456, 0.2906,
0.3289

20.8772, 0.5368,
0.3431

■ 18.2282, 0.5797,
0.3417

■ 16.4373, 0.6135,
0.3385

■ 15.4046, 0.6339,
0.3349

Harmonies

Analogous

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



49.8022, 0.3375, 0.3159



49.8022, 0.3518, 0.3339



49.8022, 0.3552, 0.3514

Triad

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



49.8022, 0.3518, 0.3339



49.8022, 0.3078, 0.3591



49.8022, 0.2792, 0.2946

Complementary

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



49.8022, 0.3518, 0.3339



62.1360, 0.2824, 0.3240

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.



49.8022, 0.2719, 0.3047



49.8022, 0.3518, 0.3339



49.8022, 0.2880, 0.3423

Square

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



49.8022, 0.3518, 0.3339



49.8022, 0.3293, 0.3669



49.8022, 0.2751, 0.3220



49.8022, 0.2953, 0.2937

Rectangle

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



49.8022, 0.3518, 0.3339



49.8022, 0.3509, 0.3605



49.8022, 0.2751, 0.3220



49.8022, 0.2756, 0.2970

Sweetspot

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



49.8045, 0.3518, 0.3339



90.5038, 0.3227, 0.3304



50.0406, 0.3180, 0.2830



19.1594, 0.3239, 0.3306



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.



49.8045, 0.3518, 0.3339



66.1790, 0.3617, 0.3350



59.1108, 0.3469, 0.3590



13.2422, 0.3289, 0.3312



9.2969, 0.6326, 0.3359



0.6698, 0.6129, 0.3515

Inverse Universe

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



62.1360, 0.2824, 0.3240



86.6594, 0.2767, 0.3230



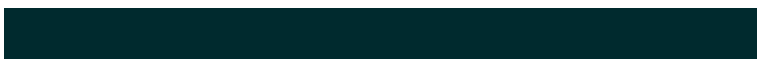
51.8979, 0.2806, 0.2971



14.6150, 0.2982, 0.3268



27.3237, 0.2167, 0.3002



1.8310, 0.2181, 0.3053

Previews

White Background



This preview shows how the Yxy color 49.8022, 0.3518, 0.3339 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 49.8022, 0.3518, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

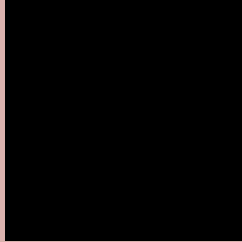
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8022, 0.3518, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 49.8022, 0.3518, 0.3339.



This preview shows how white text looks on a background with the Yxy color 49.8022, 0.3518, 0.3339.

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

49.8022, 0.3518, 0.3339

Protanopia

50.1328, 0.3240, 0.3391

Deuteranopia

49.9138, 0.3457, 0.3388



Tritanopia

49.9404, 0.3408, 0.3139

Trichromacy



Original Color

49.8022, 0.3518, 0.3339

Protanomaly

50.0119, 0.3338, 0.3377

Deuteranomaly

49.9558, 0.3486, 0.3375

Tritanomaly

49.9650, 0.3441, 0.3209

Monochromacy



Original Color

49.8022, 0.3518, 0.3339

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8579, 0.3261, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8022, 0.3518, 0.3339 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(218, 178, 174)` looks like.

```
.text, #text, p{  
    color:rgb(218, 178, 174)  
}
```

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(218, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 178, 174) }
```

Border

The CSS property to change the border of an element to Yxy 49.8022, 0.3518, 0.3339 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(218, 178, 174) }
```

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

```
.border{ border-color:rgb(218, 178, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 178, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(218, 178,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8022, 0.3518, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 178, 174) }
```

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

```
.background{ background-color: rgb(218,  
178, 174) }
```

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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