

Converting Colors

$Yxy(49.0459, 0.3582, 0.3445)$

Have a look what the booklet for
Yxy(49.0459, 0.3582, 0.3445)
contains.

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Color

Yxy(49.1563, 0.3579, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	D8B2A5
RGB	216, 178, 165
RGB Percent	85%, 70%, 65%
CMY	0.1530, 0.3019, 0.3530
CMYK	0.00, 0.18, 0.24, 0.15
HSL	15°, 40%, 75%
HSV	15°, 24%, 85%
XYZ	51.0239, 49.1563, 42.3845
YIQ	187.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

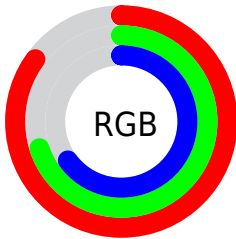
Format	Color
RYB	216, 182, 165
Decimal	14201509
CIELab	75.55, 11.76, 11.81
CIELCh	76, 16.666, 45.128
Yxy	49.1563, 0.3579, 0.3448
Android (android.graphics.Color)	4292391589 (0xFFD8B2A5)
YUV	187.8800, -11.2798, 24.6612
Hunter-Lab	70.1116, 7.2087, 13.2356

Details

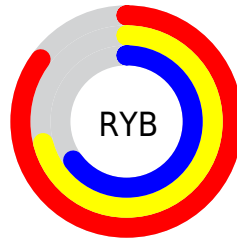
The Yxy color **49.1563, 0.3579, 0.3448** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6358, 0.2767, 0.3126**, and the grayscale version is **50.2709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2729, 0.3362, 0.3430**, and **23.3331, 0.3705, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **42.4099, 0.3835, 0.3519**, and if you desaturate by 10%, it is **56.7897, 0.3364, 0.3378**.

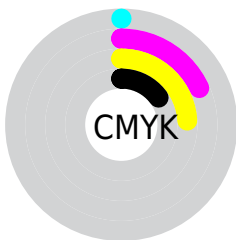
Distribution



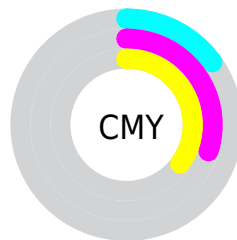
- Red (85%)
- Green (70%)
- Blue (65%)



- Red (85%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1563, 0.3579, 0.3448 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 49.1563, 0.3579, 0.3448 by changing the saturation by 10% instead.


 49.1563, 0.3579,
0.3448


 49.1563, 0.3579,
0.3448


383.3573, 0.3353,
0.3374

 34.7435, 0.3635,
0.3465


 88.9235, 0.3497,
0.3422

 23.4653, 0.3707,
0.3486


 115.0468, 0.3466,
0.3412

 14.9375, 0.3803,
0.3513

145.8422, 0.3440,
0.3403

 8.7755, 0.3935,
0.3547

181.6944, 0.3418,
0.3396

 4.5951, 0.4131,
0.3591

222.9876, 0.3399,
0.3389

 2.0117, 0.4447,
0.3648

270.1062, 0.3382,

 0.6142, 0.5865,

0.3383

0.4135

323.4346, 0.3367,
0.3378

0.0000, 0.0000,
0.0000

49.1563, 0.3579,
0.3448

49.1563, 0.3579,
0.3448

42.4099, 0.3835,
0.3519

56.7897, 0.3364,
0.3378

36.5114, 0.4134,
0.3588

65.3341, 0.3184,
0.3313

31.4284, 0.4478,
0.3648

74.8209, 0.3035,
0.3252

27.1241, 0.4857,
0.3691

85.2780, 0.2909,
0.3196

23.5585, 0.5249,
0.3704

93.3354, 0.2894,
0.3289

■ 20.6879, 0.5620,
0.3678

■ 18.4633, 0.5926,
0.3610

■ 17.3488, 0.6081,
0.3554

Harmonies

Analogous

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



49.1563, 0.3487, 0.3254



49.1563, 0.3579, 0.3448



49.1563, 0.3544, 0.3610

Triad

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



49.1563, 0.3579, 0.3448



49.1563, 0.2952, 0.3519



49.1563, 0.2856, 0.2908

Complementary

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



49.1563, 0.3579, 0.3448



55.6358, 0.2767, 0.3126

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.



49.1563, 0.2724, 0.2961



49.1563, 0.3579, 0.3448



49.1563, 0.2778, 0.3311

Square

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



49.1563, 0.3579, 0.3448



49.1563, 0.3177, 0.3662



49.1563, 0.2696, 0.3106



49.1563, 0.3064, 0.2951

Rectangle

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



49.1563, 0.3579, 0.3448



49.1563, 0.3455, 0.3677



49.1563, 0.2696, 0.3106



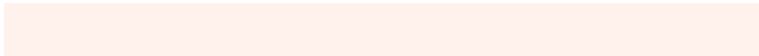
49.1563, 0.2802, 0.2915

Sweetspot

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



49.1585, 0.3579, 0.3448



90.7172, 0.3243, 0.3335



45.8200, 0.3263, 0.2844



19.2527, 0.3254, 0.3339



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.



49.1585, 0.3579, 0.3448



66.8772, 0.3692, 0.3481



60.1304, 0.3513, 0.3738



12.9317, 0.3285, 0.3350



10.4189, 0.6055, 0.3574



0.7625, 0.5711, 0.3848

Inverse Universe

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



55.6358, 0.2767, 0.3126



77.7816, 0.2698, 0.3090



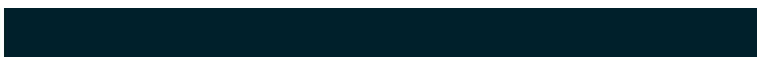
44.6857, 0.2740, 0.2798



13.5453, 0.2982, 0.3229



18.1566, 0.2012, 0.2445



1.2244, 0.2058, 0.2608

Previews

White Background



This preview shows how the Yxy color 49.1563, 0.3579, 0.3448 looks on a white background.

Color Contrast Check

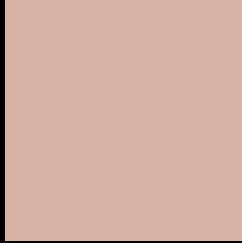
Large Text (above 18pt) WCAG AA × Fail

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 49.1563, 0.3579, 0.3448 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 49.1563, 0.3579, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 49.1563, 0.3579, 0.3448.



This preview shows how white text looks on a background with the Yxy color 49.1563, 0.3579, 0.3448.

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

49.1563, 0.3579, 0.3448

Protanopia

49.4517, 0.3330, 0.3507

Deuteranopia

49.3562, 0.3537, 0.3473



Tritanopia

49.3509, 0.3410, 0.3138

Trichromacy



Original Color

49.1563, 0.3579, 0.3448

Protanomaly

49.2507, 0.3415, 0.3478

Deuteranomaly

49.1029, 0.3549, 0.3461

Tritanomaly

49.2514, 0.3469, 0.3244

Monochromacy



Original Color

49.1563, 0.3579, 0.3448

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5820, 0.3279, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1563, 0.3579, 0.3448 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(216, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 165)  
}
```

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(216, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 165) }
```

Border

The CSS property to change the border of an element to Yxy 49.1563, 0.3579, 0.3448 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(216, 178, 165) }
```

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

```
.border{ border-color:rgb(216, 178, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(216, 178,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1563, 0.3579, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 165) }
```

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

```
.background{ background-color: rgb(216,  
178, 165) }
```

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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