

Converting Colors

$Y_{xy}(48.9565, 0.3682, 0.3618)$

Have a look what the booklet for
Yxy(48.9565, 0.3682, 0.3618)
contains.

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Color

Yxy(48.9543, 0.3682, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	D7B398
RGB	215, 179, 152
RGB Percent	84%, 70%, 60%
CMY	0.1567, 0.2981, 0.4039
CMYK	0.00, 0.17, 0.29, 0.16
HSL	26°, 44%, 72%
HSV	26°, 29%, 84%
XYZ	49.8203, 48.9543, 36.5331
YIQ	186.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

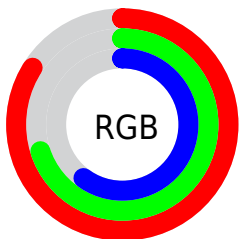
Format	Color
R_{YB}	215, 199, 152
Decimal	14136216
CIE _{Lab}	75.42, 9.08, 18.65
CIE _{LCh}	75, 20.742, 64.043
Yxy	48.9543, 0.3682, 0.3618
Android (android.graphics.Color)	4292326296 (0xFFD7B398)
YUV	186.6860, -17.1002, 24.8314
Hunter-Lab	69.9673, 4.6581, 18.0192

Details

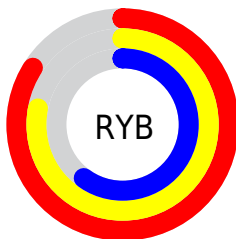
The Yxy color $48.9543, 0.3682, 0.3618$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $47.5745, 0.2668, 0.2937$, and the grayscale version is $49.5965, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.1329, 0.3453, 0.3581$, and $23.2322, 0.3835, 0.3696$ is the 20% darker color. If you saturate the color by 10%, you get $43.6030, 0.3928, 0.3734$, and if you desaturate by 10%, it is $54.8775, 0.3466, 0.3502$.

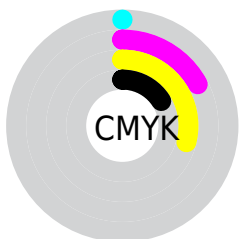
Distribution



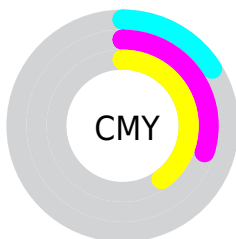
- Red (84%)
- Green (70%)
- Blue (60%)



- Red (84%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (16%)




- Cyan (16%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9543, 0.3682, 0.3618 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 48.9543, 0.3682, 0.3618 by changing the saturation by 10% instead.


 48.9543, 0.3682,
0.3618


 48.9543, 0.3682,
0.3618

382.5624, 0.3405,
0.3461

 34.5832, 0.3750,
0.3655


 88.6236, 0.3582,
0.3563

 23.3420, 0.3838,
0.3701


 114.6906, 0.3544,
0.3541

 14.8462, 0.3953,
0.3759

145.4250, 0.3512,
0.3523

 8.7115, 0.4111,
0.3834

181.2112, 0.3485,
0.3507

 4.5535, 0.4339,
0.3934

222.4337, 0.3461,
0.3494

 1.9878, 0.4744,
0.4108

269.4768, 0.3440,

 0.6003, 0.5689,

0.3481

0.4311

322.7249, 0.3422,
0.3471

0.0000, 0.0000,
0.0000

48.9543, 0.3682,
0.3618

48.9543, 0.3682,
0.3618

43.6030, 0.3928,
0.3734

54.8775, 0.3466,
0.3502

38.7986, 0.4202,
0.3844

61.3832, 0.3279,
0.3389

34.5238, 0.4500,
0.3937

68.4904, 0.3117,
0.3283

30.7577, 0.4810,
0.4001

76.2148, 0.2978,
0.3184

27.4778, 0.5113,
0.4024

84.2765, 0.2883,
0.3139

■ 24.6589, 0.5388,
0.3994

■ 91.7838, 0.2888,
0.3267

■ 22.2678, 0.5618,
0.3915

■ 93.1925, 0.2889,
0.3289

■ 22.1164, 0.5633,
0.3909

Harmonies

Analogous

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



48.9543, 0.3667, 0.3395



48.9543, 0.3682, 0.3618



48.9543, 0.3542, 0.3768

Triad

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



48.9543, 0.3682, 0.3618



48.9543, 0.2761, 0.3415



48.9543, 0.2944, 0.2839

Complementary

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



48.9543, 0.3682, 0.3618



47.5745, 0.2668, 0.2937

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.



48.9543, 0.2717, 0.2827



48.9543, 0.3682, 0.3618



48.9543, 0.2615, 0.3146

Square

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



48.9543, 0.3682, 0.3618



48.9543, 0.3007, 0.3659



48.9543, 0.2600, 0.2933



48.9543, 0.3231, 0.2959

Rectangle

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



48.9543, 0.3682, 0.3618



48.9543, 0.3384, 0.3799



48.9543, 0.2600, 0.2933



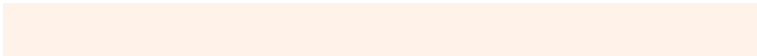
48.9543, 0.2859, 0.2822

Sweetspot

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



48.9566, 0.3682, 0.3618



90.5188, 0.3275, 0.3387



40.5768, 0.3403, 0.2852



19.0615, 0.3300, 0.3403



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.



48.9566, 0.3682, 0.3618



67.1695, 0.3827, 0.3689



62.7062, 0.3583, 0.3963



13.2862, 0.3280, 0.3390



13.4246, 0.5607, 0.3930



0.9721, 0.5304, 0.4170

Inverse Universe

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



47.5745, 0.2668, 0.2937



64.8188, 0.2573, 0.2851



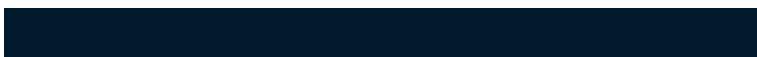
35.7875, 0.2622, 0.2514



13.1760, 0.2982, 0.3188



11.6158, 0.1843, 0.1833



0.8634, 0.1919, 0.2109

Previews

White Background



This preview shows how the Yxy color 48.9543, 0.3682, 0.3618 looks on a white background.

Color Contrast Check

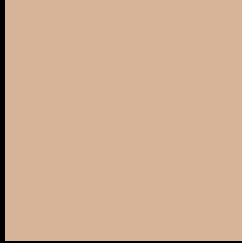
Large Text (above 18pt) WCAG AA × Fail

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 48.9543, 0.3682, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

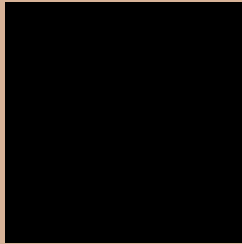
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9543, 0.3682, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 48.9543, 0.3682, 0.3618.



This preview shows how white text looks on a background with the Yxy color 48.9543, 0.3682, 0.3618.

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

48.9543, 0.3682, 0.3618

Protanopia

49.2201, 0.3463, 0.3686

Deuteranopia

49.1061, 0.3691, 0.3617



Tritanopia

48.9200, 0.3420, 0.3138

Trichromacy



Original Color

48.9543, 0.3682, 0.3618

Protanomaly

48.8966, 0.3542, 0.3654

Deuteranomaly

49.1061, 0.3691, 0.3617

Tritanomaly

49.0121, 0.3522, 0.3315

Monochromacy



Original Color

48.9543, 0.3682, 0.3618

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2073, 0.3319, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9543, 0.3682, 0.3618 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(215, 179, 152)` looks like.

```
.text, #text, p{  
    color:rgb(215, 179, 152)  
}
```

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(215, 179, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 179, 152) }
```

Border

The CSS property to change the border of an element to Yxy 48.9543, 0.3682, 0.3618 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(215, 179, 152) }
```

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

```
.border{ border-color:rgb(215, 179, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 179, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 179, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 179, 152);  
box-shadow:4px 4px 4px 4px rgb(215, 179,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9543, 0.3682, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 179, 152) }
```

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

```
.background{ background-color: rgb(215,  
179, 152) }
```

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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