

Converting Colors

Yxy(48.4562, 0.3611, 0.3523)

Have a look what the booklet for
Yxy(48.4562, 0.3611, 0.3523)
contains.

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Color

Yxy(48.4901, 0.3605, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	D5B29F
RGB	213, 178, 159
RGB Percent	84%, 70%, 62%
CMY	0.1647, 0.3019, 0.3766
CMYK	0.00, 0.16, 0.25, 0.16
HSL	21°, 39%, 73%
HSV	21°, 25%, 84%
XYZ	49.6187, 48.4901, 39.5298
YIQ	186.2990, 26.9590, 1.5110

Conversions

Conversions Part 2

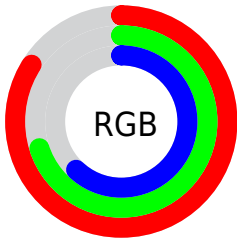
Format	Color
RYB	213, 188, 159
Decimal	14004895
CIELab	75.13, 9.78, 14.45
CIElCh	75, 17.451, 55.897
Yxy	48.4901, 0.3605, 0.3523
Android (android.graphics.Color)	4292194975 (0xFFD5B29F)
YUV	186.2990, -13.4584, 23.4168
Hunter-Lab	69.6348, 5.3303, 15.0870

Details

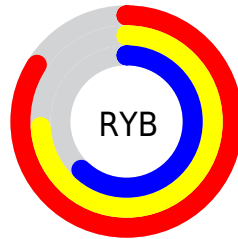
The Yxy color **48.4901, 0.3605, 0.3523** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7439, 0.2735, 0.3044**, and the grayscale version is **49.3453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9607, 0.3402, 0.3490**, and **23.0190, 0.3742, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **42.5980, 0.3851, 0.3620**, and if you desaturate by 10%, it is **55.0663, 0.3393, 0.3427**.

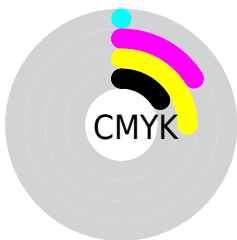
Distribution



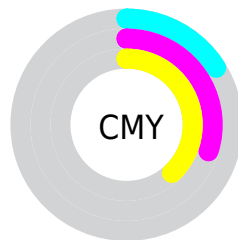
- Red (84%)
- Green (70%)
- Blue (62%)



- Red (84%)
- Yellow (74%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (16%)



- Cyan (16%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4901, 0.3605, 0.3523 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 48.4901, 0.3605, 0.3523 by changing the saturation by 10% instead.


 48.4901, 0.3605,
0.3523


 48.4901, 0.3605,
0.3523


380.7315, 0.3366,
0.3412

 34.2152, 0.3665,
0.3549


 87.9337, 0.3518,
0.3484

 23.0589, 0.3741,
0.3582

 113.8711, 0.3486,
0.3469

 14.6370, 0.3842,
0.3623


144.4648, 0.3458,
0.3456

 8.5651, 0.3982,
0.3678

180.0992, 0.3434,
0.3444

 4.4586, 0.4188,
0.3750

221.1587, 0.3414,
0.3435

 1.9333, 0.4524,
0.3854

268.0276, 0.3396,

 0.5683, 0.5782,

0.3426

0.4218

321.0904, 0.3380,
0.3418

0.0000, 0.0000,
0.0000

48.4901, 0.3605,
0.3523

48.4901, 0.3605,
0.3523

42.5980, 0.3851,
0.3620

55.0663, 0.3393,
0.3427

37.3607, 0.4134,
0.3714

62.3417, 0.3213,
0.3336

32.7562, 0.4450,
0.3796

70.3390, 0.3059,
0.3251

28.7588, 0.4790,
0.3855

79.0779, 0.2929,
0.3173

25.3406, 0.5136,
0.3880

87.8845, 0.2874,
0.3207

■ 22.4714, 0.5461,
0.3858

■ 92.8877, 0.2877,
0.3289

■ 20.1170, 0.5733,
0.3785

■ 19.1845, 0.5844,
0.3742

Harmonies

Analogous

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



48.4901, 0.3555, 0.3326



48.4901, 0.3605, 0.3523



48.4901, 0.3521, 0.3670

Triad

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



48.4901, 0.3605, 0.3523



48.4901, 0.2868, 0.3457



48.4901, 0.2914, 0.2894

Complementary

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



48.4901, 0.3605, 0.3523



50.7439, 0.2735, 0.3044

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.



48.4901, 0.2742, 0.2912



48.4901, 0.3605, 0.3523



48.4901, 0.2716, 0.3230

Square

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



48.4901, 0.3605, 0.3523



48.4901, 0.3092, 0.3640



48.4901, 0.2671, 0.3031



48.4901, 0.3148, 0.2972

Rectangle

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



48.4901, 0.3605, 0.3523



48.4901, 0.3403, 0.3715



48.4901, 0.2671, 0.3031



48.4901, 0.2847, 0.2889

Sweetspot

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



48.4923, 0.3605, 0.3523



90.6120, 0.3259, 0.3361



42.8321, 0.3324, 0.2871



19.0337, 0.3285, 0.3374



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.



48.4923, 0.3605, 0.3523



68.3716, 0.3722, 0.3571



60.2664, 0.3529, 0.3832



13.1293, 0.3282, 0.3373



11.8920, 0.5818, 0.3763



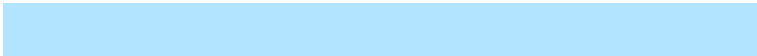
0.8705, 0.5485, 0.4027

Inverse Universe

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



50.7439, 0.2735, 0.3044



72.2598, 0.2660, 0.2990



39.8368, 0.2703, 0.2683



13.3374, 0.2982, 0.3206



14.2309, 0.1917, 0.2101



1.0113, 0.1981, 0.2330

Previews

White Background



This preview shows how the Yxy color 48.4901, 0.3605, 0.3523 looks on a white background.

Color Contrast Check

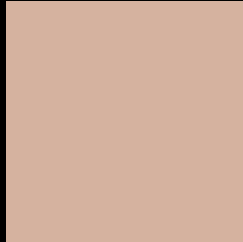
Large Text (above 18pt) WCAG AA × Fail

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 48.4901, 0.3605, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

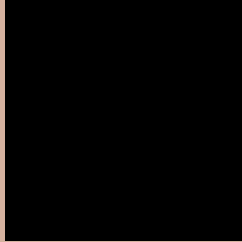
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4901, 0.3605, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 48.4901, 0.3605, 0.3523.



This preview shows how white text looks on a background with the Yxy color 48.4901, 0.3605, 0.3523.

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

48.4901, 0.3605, 0.3523

Protanopia

48.7759, 0.3390, 0.3585

Deuteranopia

48.3410, 0.3595, 0.3523



Tritanopia

48.4589, 0.3393, 0.3137

Trichromacy



Original Color

48.4901, 0.3605, 0.3523

Protanomaly

48.4466, 0.3467, 0.3555

Deuteranomaly

48.3410, 0.3595, 0.3523

Tritanomaly

48.2813, 0.3471, 0.3267

Monochromacy



Original Color

48.4901, 0.3605, 0.3523

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7373, 0.3295, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4901, 0.3605, 0.3523 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(213, 178, 159)` looks like.

```
.text, #text, p{  
    color:rgb(213, 178, 159)  
}
```

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(213, 178, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 178, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.4901, 0.3605, 0.3523 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(213, 178, 159) }
```

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

```
.border{ border-color:rgb(213, 178, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 178, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 178, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 178, 159);  
box-shadow:4px 4px 4px 4px rgb(213, 178,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4901, 0.3605, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 178, 159) }
```

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

```
.background{ background-color: rgb(213,  
178, 159) }
```

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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