

Converting Colors

$Yxy(50.4768, 0.3537, 0.3505)$

Have a look what the booklet for
Yxy(50.4768, 0.3537, 0.3505)
contains.

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Color

Yxy(50.7297, 0.3539, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	D5B7A5
RGB	213, 183, 165
RGB Percent	84%, 72%, 65%
CMY	0.1647, 0.2823, 0.3531
CMYK	0.00, 0.14, 0.23, 0.16
HSL	23°, 36%, 74%
HSV	23°, 23%, 84%
XYZ	51.1634, 50.7297, 42.6771
YIQ	189.9180, 23.6580, 0.7620

Conversions

Conversions Part 2

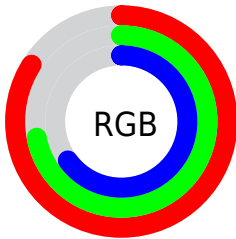
Format	Color
R _Y B	213, 194, 165
Decimal	14006181
CIE Lab	76.51, 7.96, 13.14
CIE LCh	77, 15.366, 58.790
Yxy	50.7297, 0.3539, 0.3509
Android (android.graphics.Color)	4292196261 (0xFFD5B7A5)
YUV	189.9180, -12.2846, 20.2429
Hunter-Lab	71.2248, 3.5798, 14.3314

Details

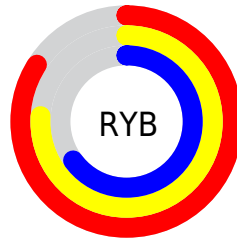
The Yxy color **50.7297, 0.3539, 0.3509** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8137, 0.2778, 0.3060**, and the grayscale version is **51.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1603, 0.3355, 0.3479**, and **24.4266, 0.3659, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **44.7895, 0.3772, 0.3612**, and if you desaturate by 10%, it is **57.3222, 0.3338, 0.3408**.

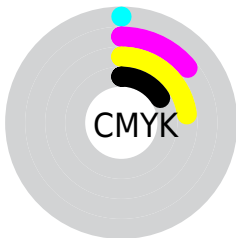
Distribution



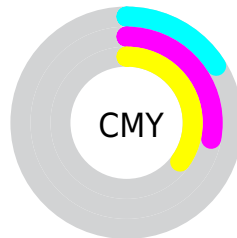
- Red (84%)
- Green (72%)
- Blue (65%)



- Red (84%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7297, 0.3539, 0.3509 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 50.7297, 0.3539, 0.3509 by changing the saturation by 10% instead.


 50.7297, 0.3539,
0.3509


 50.7297, 0.3539,
0.3509

389.5127, 0.3335,
0.3404

 35.9935, 0.3589,
0.3534


 91.2551, 0.3465,
0.3472

 24.4292, 0.3654,
0.3565


 117.8131, 0.3437,
0.3458

 15.6523, 0.3739,
0.3604


149.0806, 0.3414,
0.3446

 9.2785, 0.3856,
0.3657

185.4418, 0.3393,
0.3435

 4.9233, 0.4027,
0.3729

227.2812, 0.3376,
0.3426

 2.2023, 0.4298,
0.3831

274.9833, 0.3360,

 0.7212, 0.5497,

0.3418

0.4503

328.9323, 0.3347,
0.3411

0.0000, 0.0000,
0.0000

50.7297, 0.3539,
0.3509

50.7297, 0.3539,
0.3509

44.7895, 0.3772,
0.3612

57.3222, 0.3338,
0.3408

39.4741, 0.4039,
0.3714

64.5798, 0.3167,
0.3313

34.7638, 0.4339,
0.3806

72.5236, 0.3020,
0.3225

30.6354, 0.4664,
0.3878

81.1716, 0.2896,
0.3143

27.0639, 0.4999,
0.3919

89.4345, 0.2875,
0.3233

■ 24.0219, 0.5322,
0.3916

■ 92.8863, 0.2877,
0.3289

■ 21.4792, 0.5603,
0.3860

■ 19.8827, 0.5781,
0.3792

Harmonies

Analogous

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



50.7297, 0.3507, 0.3340



50.7297, 0.3539, 0.3509



50.7297, 0.3457, 0.3628

Triad

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



50.7297, 0.3539, 0.3509



50.7297, 0.2886, 0.3416



50.7297, 0.2960, 0.2947

Complementary

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



50.7297, 0.3539, 0.3509



51.8137, 0.2778, 0.3060

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.



50.7297, 0.2803, 0.2956



50.7297, 0.3539, 0.3509



50.7297, 0.2761, 0.3221

Square

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



50.7297, 0.3539, 0.3509



50.7297, 0.3077, 0.3580



50.7297, 0.2731, 0.3053



50.7297, 0.3167, 0.3023

Rectangle

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



50.7297, 0.3539, 0.3509



50.7297, 0.3350, 0.3659



50.7297, 0.2731, 0.3053



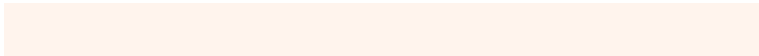
50.7297, 0.2900, 0.2940

Sweetspot

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



50.7320, 0.3539, 0.3509



91.9965, 0.3241, 0.3356



45.0033, 0.3305, 0.2929



19.5485, 0.3251, 0.3361



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.



50.7320, 0.3539, 0.3509



71.9019, 0.3645, 0.3558



61.2924, 0.3480, 0.3779



13.1773, 0.3282, 0.3378



12.3263, 0.5755, 0.3813



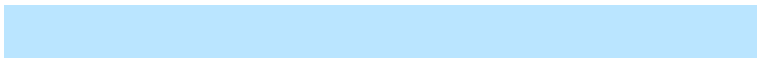
0.9001, 0.5429, 0.4071

Inverse Universe

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



51.8137, 0.2778, 0.3060



73.7958, 0.2704, 0.3005



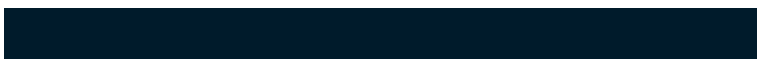
42.0673, 0.2754, 0.2748



13.2876, 0.2982, 0.3200



13.3847, 0.1894, 0.2018



0.9641, 0.1962, 0.2262

Previews

White Background



This preview shows how the Yxy color 50.7297, 0.3539, 0.3509 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 50.7297, 0.3539, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

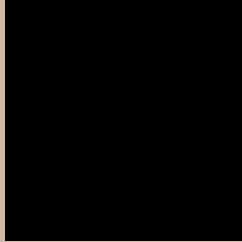
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7297, 0.3539, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 50.7297, 0.3539, 0.3509.



This preview shows how white text looks on a background with the Yxy color 50.7297, 0.3539, 0.3509.

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

50.7297, 0.3539, 0.3509

Protanopia

50.6639, 0.3361, 0.3542

Deuteranopia

50.7714, 0.3568, 0.3495



Tritanopia

50.6894, 0.3334, 0.3126

Trichromacy



Original Color

50.7297, 0.3539, 0.3509

Protanomaly

50.6043, 0.3426, 0.3526

Deuteranomaly

50.6196, 0.3559, 0.3495

Tritanomaly

50.5085, 0.3409, 0.3255

Monochromacy



Original Color

50.7297, 0.3539, 0.3509

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8826, 0.3267, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7297, 0.3539, 0.3509 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, 183, 165)` looks like.

```
.text, #text, p{  
    color:rgb(213, 183, 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(213, 183, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 183, 165) }
```

Border

The CSS property to change the border of an element to Yxy 50.7297, 0.3539, 0.3509 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, 183, 165) }
```

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

```
.border{ border-color:rgb(213, 183, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 183, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 183, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 183, 165);  
box-shadow:4px 4px 4px 4px rgb(213, 183,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7297, 0.3539, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 183, 165) }
```

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

```
.background{ background-color: rgb(213,  
183, 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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