

Converting Colors

$Yxy(50.6540, 0.3598, 0.3472)$

Have a look what the booklet for
Yxy(50.6540, 0.3598, 0.3472)
contains.

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Color

Yxy(50.8244, 0.3598, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	DBB5A5
RGB	219, 181, 165
RGB Percent	86%, 71%, 65%
CMY	0.1411, 0.2902, 0.3529
CMYK	0.00, 0.17, 0.25, 0.14
HSL	18°, 43%, 75%
HSV	18°, 25%, 86%
XYZ	52.5327, 50.8244, 42.6481
YIQ	190.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

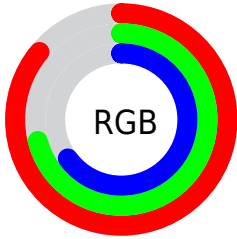
Format	Color
R _Y B	219, 188, 165
Decimal	14398885
CIE Lab	76.57, 11.31, 13.27
CIE LCh	77, 17.440, 49.566
Yxy	50.8244, 0.3598, 0.3481
Android (android.graphics.Color)	4292588965 (0xFFDDBB5A5)
YUV	190.5380, -12.5902, 24.9612
Hunter-Lab	71.2912, 6.7724, 14.4352

Details

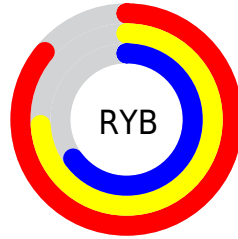
The Yxy color **50.8244, 0.3598, 0.3481** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.8441, 0.2749, 0.3090**, and the grayscale version is **51.8836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9957, 0.3358, 0.3459**, and **24.4171, 0.3729, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **44.1686, 0.3852, 0.3563**, and if you desaturate by 10%, it is **58.3155, 0.3383, 0.3400**.

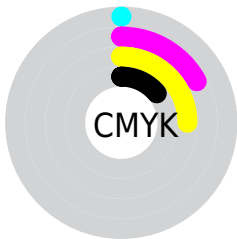
Distribution



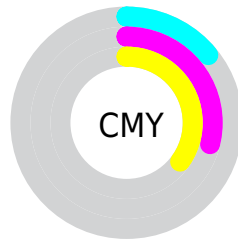
- Red (86%)
- Green (71%)
- Blue (65%)



- Red (86%)
- Yellow (74%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (14%)




- Cyan (14%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8244, 0.3598, 0.3481 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 50.8244, 0.3598, 0.3481 by changing the saturation by 10% instead.


 50.8244, 0.3598,
0.3481

 50.8244, 0.3598,
0.3481


389.8812, 0.3364,
0.3391

 36.0689, 0.3656,
0.3502


 91.3952, 0.3513,
0.3450

 24.4874, 0.3729,
0.3527

 117.9792, 0.3482,
0.3437

 15.6956, 0.3827,
0.3559


149.2748, 0.3455,
0.3427

 9.3090, 0.3961,
0.3601

185.6665, 0.3431,
0.3418

 4.9433, 0.4157,
0.3655

227.5385, 0.3411,
0.3410

 2.2140, 0.4468,
0.3726

275.2754, 0.3394,

 0.7276, 0.5724,

0.3403

0.4276

329.2615, 0.3378,
0.3397

0.0000, 0.0000,
0.0000

50.8244, 0.3598,
0.3481

50.8244, 0.3598,
0.3481

44.1686, 0.3852,
0.3563

58.3155, 0.3383,
0.3400

38.3116, 0.4147,
0.3642

66.6628, 0.3201,
0.3324

33.2245, 0.4481,
0.3711

75.8952, 0.3049,
0.3253

28.8738, 0.4845,
0.3760

86.0382, 0.2921,
0.3187

25.2235, 0.5219,
0.3776

93.8018, 0.2912,
0.3289

■ 22.2340, 0.5570,
0.3749

■ 19.8610, 0.5861,
0.3676

■ 18.8213, 0.5990,
0.3626

Harmonies

Analogous

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



50.8244, 0.3522, 0.3283



50.8244, 0.3598, 0.3481



50.8244, 0.3542, 0.3640

Triad

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



50.8244, 0.3598, 0.3481



50.8244, 0.2914, 0.3498



50.8244, 0.2875, 0.2895

Complementary

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



50.8244, 0.3598, 0.3481



55.8441, 0.2749, 0.3090

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.



50.8244, 0.2724, 0.2935



50.8244, 0.3598, 0.3481



50.8244, 0.2746, 0.3278

Square

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



50.8244, 0.3598, 0.3481



50.8244, 0.3143, 0.3660



50.8244, 0.2678, 0.3072



50.8244, 0.3097, 0.2954

Rectangle

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



50.8244, 0.3598, 0.3481



50.8244, 0.3440, 0.3699



50.8244, 0.2678, 0.3072



50.8244, 0.2814, 0.2897

Sweetspot

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



50.8267, 0.3598, 0.3481



91.1453, 0.3242, 0.3342



46.3257, 0.3286, 0.2843



19.3517, 0.3253, 0.3346



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.



50.8267, 0.3598, 0.3481



66.3331, 0.3735, 0.3527



62.5568, 0.3527, 0.3778



13.6764, 0.3284, 0.3360



11.3254, 0.5964, 0.3647



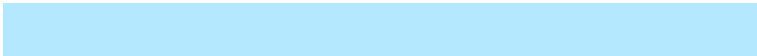
0.8815, 0.5640, 0.3904

Inverse Universe

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



55.8441, 0.2749, 0.3090



74.6603, 0.2665, 0.3039



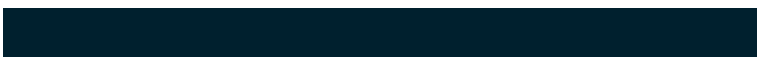
44.4501, 0.2719, 0.2749



14.1448, 0.2982, 0.3219



16.9720, 0.1973, 0.2301



1.2466, 0.2023, 0.2481

Previews

White Background



This preview shows how the Yxy color 50.8244, 0.3598, 0.3481 looks on a white background.

Color Contrast Check

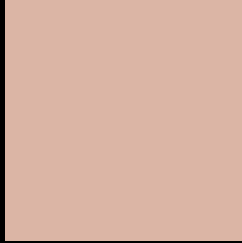
Large Text (above 18pt) WCAG AA × Fail

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 50.8244, 0.3598, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

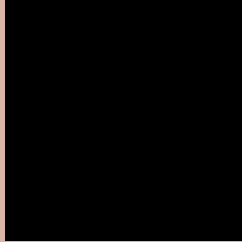
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8244, 0.3598, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 50.8244, 0.3598, 0.3481.



This preview shows how white text looks on a background with the Yxy color 50.8244, 0.3598, 0.3481.

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

50.8244, 0.3598, 0.3481

Protanopia

51.1301, 0.3351, 0.3542

Deuteranopia

50.7714, 0.3568, 0.3495



Tritanopia

50.7355, 0.3407, 0.3129

Trichromacy



Original Color

50.8244, 0.3598, 0.3481

Protanomaly

50.9241, 0.3435, 0.3513

Deuteranomaly

50.9242, 0.3577, 0.3494

Tritanomaly

50.5903, 0.3475, 0.3244

Monochromacy



Original Color

50.8244, 0.3598, 0.3481

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3356, 0.3284, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8244, 0.3598, 0.3481 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(219, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(219, 181, 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(219, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 181, 165) }
```

Border

The CSS property to change the border of an element to Yxy 50.8244, 0.3598, 0.3481 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(219, 181, 165) }
```

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

```
.border{ border-color:rgb(219, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 181, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 181, 165); box-shadow:4px 4px 4px 4px rgb(219, 181, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8244, 0.3598, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 181, 165) }
```

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

```
.background{ background-color: rgb(219,  
181, 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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