

Converting Colors

Yxy(53.4501, 0.3399, 0.3423)

Have a look what the booklet for
Yxy(53.4501, 0.3399, 0.3423)
contains.

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Color

Yxy(53.4584, 0.3399, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	D3BDB2
RGB	211, 189, 178
RGB Percent	83%, 74%, 70%
CMY	0.1728, 0.2587, 0.3020
CMYK	0.00, 0.10, 0.16, 0.17
HSL	20°, 27%, 76%
HSV	20°, 16%, 83%
XYZ	53.0836, 53.4584, 49.6321
YIQ	194.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

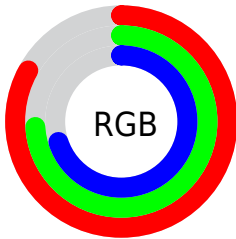
Format	Color
R _Y B	211, 195, 178
Decimal	13876658
CIE Lab	78.14, 5.96, 8.40
CIE LCh	78, 10.300, 54.623
Yxy	53.4584, 0.3399, 0.3423
Android (android.graphics.Color)	4292066738 (0xFFD3BDB2)
YUV	194.3240, -8.0477, 14.6249
Hunter-Lab	73.1153, 1.6440, 10.9334

Details

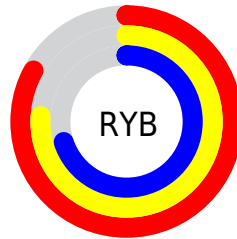
The Yxy color **53.4584, 0.3399, 0.3423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4261, 0.2887, 0.3153**, and the grayscale version is **54.1890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5053, 0.3259, 0.3398**, and **26.1569, 0.3475, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **46.9307, 0.3613, 0.3514**, and if you desaturate by 10%, it is **60.7049, 0.3217, 0.3336**.

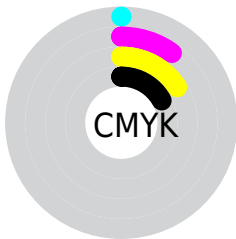
Distribution



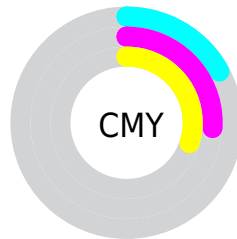
- Red (83%)
- Green (74%)
- Blue (70%)



- Red (83%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (17%)




- Cyan (17%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4584, 0.3399, 0.3423 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 53.4584, 0.3399, 0.3423 by changing the saturation by 10% instead.


 53.4584, 0.3399,
0.3423

 53.4584, 0.3399,
0.3423


400.0413, 0.3265,
0.3359

 38.1688, 0.3432,
0.3438


 95.2786, 0.3351,
0.3400

 26.1138, 0.3473,
0.3457


122.5779, 0.3333,
0.3392

 16.9088, 0.3528,
0.3481

154.6494, 0.3317,
0.3384

 10.1695, 0.3602,
0.3514

191.8773, 0.3304,
0.3378

 5.5115, 0.3711,
0.3560

234.6460, 0.3293,
0.3373

 2.5504, 0.3884,
0.3627

283.3400, 0.3282,

 0.9018, 0.4386,

0.3368

0.3905

338.3437, 0.3273,
0.3363

0.0000, 0.0000,
0.0000

53.4584, 0.3399,
0.3423

53.4584, 0.3399,
0.3423

46.9307, 0.3613,
0.3514

60.7049, 0.3217,
0.3336

41.0922, 0.3863,
0.3607

68.6843, 0.3063,
0.3255

35.9217, 0.4151,
0.3695

77.4196, 0.2932,
0.3181

31.3941, 0.4473,
0.3773

86.4470, 0.2861,
0.3187

27.4827, 0.4821,
0.3828

92.5802, 0.2866,
0.3289

■ 24.1585, 0.5175,
0.3848

■ 21.3900, 0.5506,
0.3823

■ 19.1417, 0.5782,
0.3747

■ 18.3049, 0.5888,
0.3707

Harmonies

Analogous

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



53.4584, 0.3367, 0.3308



53.4584, 0.3399, 0.3423



53.4584, 0.3356, 0.3506

Triad

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



53.4584, 0.3399, 0.3423



53.4584, 0.2984, 0.3390



53.4584, 0.3000, 0.3059

Complementary

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



53.4584, 0.3399, 0.3423



55.4261, 0.2887, 0.3153

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.



53.4584, 0.2902, 0.3075



53.4584, 0.3399, 0.3423



53.4584, 0.2893, 0.3264

Square

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



53.4584, 0.3399, 0.3423



53.4584, 0.3115, 0.3489



53.4584, 0.2863, 0.3149



53.4584, 0.3135, 0.3102

Rectangle

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



53.4584, 0.3399, 0.3423



53.4584, 0.3291, 0.3530



53.4584, 0.2863, 0.3149



53.4584, 0.2962, 0.3057

Sweetspot

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



53.4608, 0.3399, 0.3423



93.9151, 0.3208, 0.3332



49.8436, 0.3234, 0.3031



19.9236, 0.3219, 0.3337



0.0000, 0.0000, 0.0000



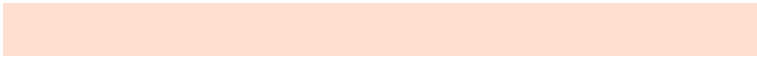
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4608, 0.3399, 0.3423



78.4019, 0.3472, 0.3455



60.9317, 0.3370, 0.3613



12.4462, 0.3282, 0.3368



11.2236, 0.5861, 0.3728



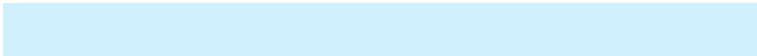
0.7726, 0.5502, 0.4013

Inverse Universe

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



55.4261, 0.2887, 0.3153



82.0180, 0.2831, 0.3119



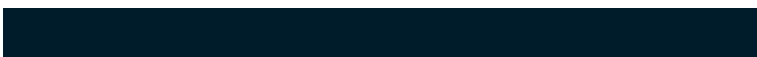
48.2283, 0.2878, 0.2945



12.7120, 0.2983, 0.3210



14.4081, 0.1935, 0.2164



0.9486, 0.1999, 0.2395

Previews

White Background



This preview shows how the Yxy color 53.4584, 0.3399, 0.3423 looks on a white background.

Color Contrast Check

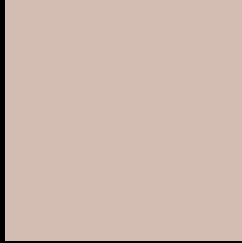
Large Text (above 18pt) WCAG AA × Fail

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 53.4584, 0.3399, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

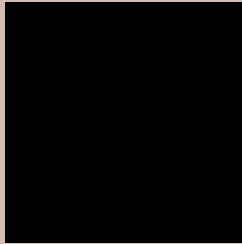
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4584, 0.3399, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 53.4584, 0.3399, 0.3423.



This preview shows how white text looks on a background with the Yxy color 53.4584, 0.3399, 0.3423.

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

53.4584, 0.3399, 0.3423

Protanopia

53.7146, 0.3284, 0.3450

Deuteranopia

53.6604, 0.3464, 0.3397



Tritanopia

53.5841, 0.3252, 0.3127

Trichromacy



Original Color

53.4584, 0.3399, 0.3423

Protanomaly

53.7913, 0.3327, 0.3449

Deuteranomaly

53.6279, 0.3436, 0.3409

Tritanomaly

53.4926, 0.3306, 0.3232

Monochromacy



Original Color

53.4584, 0.3399, 0.3423

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6095, 0.3223, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4584, 0.3399, 0.3423 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(211, 189, 178) looks like.

```
.text, #text, p{  
    color:rgb(211, 189, 178)  
}
```

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(211, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 189, 178) }
```

Border

The CSS property to change the border of an element to Yxy 53.4584, 0.3399, 0.3423 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(211, 189, 178) }
```

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

```
.border{ border-color:rgb(211, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 189,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4584, 0.3399, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 189, 178) }
```

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

```
.background{ background-color: rgb(211,  
189, 178) }
```

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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