

Converting Colors

$Yxy(53.5259, 0.3473, 0.3534)$

Have a look what the booklet for
Yxy(53.5259, 0.3473, 0.3534)
contains.

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Color

Yxy(53.6885, 0.3479, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	D4BEA9
RGB	212, 190, 169
RGB Percent	83%, 75%, 66%
CMY	0.1688, 0.2548, 0.3372
CMYK	0.00, 0.10, 0.20, 0.17
HSL	29°, 33%, 75%
HSV	29°, 20%, 83%
XYZ	52.7187, 53.6885, 45.1268
YIQ	194.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

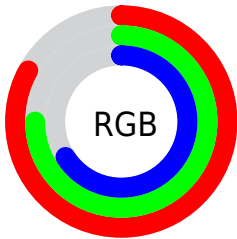
Format	Color
R_{YB}	212, 210, 169
Decimal	13942441
CIE _{Lab}	78.28, 4.44, 13.44
CIE _{LCh}	78, 14.150, 71.730
Yxy	53.6885, 0.3479, 0.3543
Android (android.graphics.Color)	4292132521 (0xFFD4BEA9)
YUV	194.1840, -12.4157, 15.6246
Hunter-Lab	73.2724, 0.2019, 14.7753

Details

The Yxy color **53.6885, 0.3479, 0.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4311, 0.2809, 0.3023**, and the grayscale version is **54.1288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5534, 0.3320, 0.3506**, and **26.3438, 0.3573, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **48.4391, 0.3690, 0.3675**, and if you desaturate by 10%, it is **59.4204, 0.3293, 0.3415**.

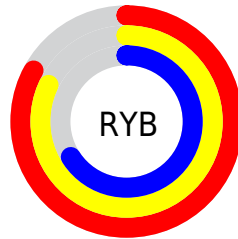
Distribution



Red (83%)

Green (75%)

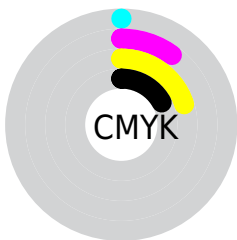
Blue (66%)



Red (83%)

Yellow (82%)

Blue (66%)

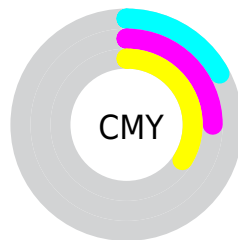


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (17%)



Cyan (17%)


Magenta (25%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6885, 0.3479, 0.3543 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 53.6885, 0.3479, 0.3543 by changing the saturation by 10% instead.


 53.6885, 0.3479,
0.3543

 53.6885, 0.3479,
0.3543


400.9211, 0.3307,
0.3421

 38.3527, 0.3521,
0.3572


 95.6167, 0.3417,
0.3500

 26.2565, 0.3574,
0.3608


122.9779, 0.3394,
0.3483

 17.0156, 0.3644,
0.3655


155.1164, 0.3374,
0.3469

 10.2456, 0.3739,
0.3718

192.4164, 0.3357,
0.3457

 5.5621, 0.3876,
0.3806

235.2625, 0.3342,
0.3446

 2.5807, 0.4088,
0.3936

284.0391, 0.3328,

 0.9170, 0.5029,

0.3437

0.4672

339.1305, 0.3317,
0.3429

0.0000, 0.0000,
0.0000

53.6885, 0.3479,
0.3543

53.6885, 0.3479,
0.3543

48.4391, 0.3690,
0.3675

59.4204, 0.3293,
0.3415

43.6513, 0.3926,
0.3807

65.6407, 0.3131,
0.3293

39.3129, 0.4184,
0.3930

72.3642, 0.2990,
0.3180

35.4086, 0.4460,
0.4035

79.6031, 0.2867,
0.3075

31.9217, 0.4741,
0.4110

86.0132, 0.2866,
0.3177

■ 28.8342, 0.5011,
0.4141

■ 92.7293, 0.2871,
0.3289

■ 26.1257, 0.5253,
0.4120

■ 92.7312, 0.2871,
0.3289

■ 23.8239, 0.5453,
0.4052

Harmonies

Analogous

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



53.6885, 0.3495, 0.3405



53.6885, 0.3479, 0.3543



53.6885, 0.3366, 0.3618

Triad

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



53.6885, 0.3479, 0.3543



53.6885, 0.2851, 0.3329



53.6885, 0.3054, 0.3000

Complementary

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



53.6885, 0.3479, 0.3543



50.4311, 0.2809, 0.3023

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.



53.6885, 0.2887, 0.2974



53.6885, 0.3479, 0.3543



53.6885, 0.2773, 0.3157

Square

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



53.6885, 0.3479, 0.3543



53.6885, 0.3003, 0.3495



53.6885, 0.2786, 0.3029



53.6885, 0.3246, 0.3098

Rectangle

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



53.6885, 0.3479, 0.3543



53.6885, 0.3254, 0.3618



53.6885, 0.2786, 0.3029



53.6885, 0.2994, 0.2983

Sweetspot

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



53.6909, 0.3479, 0.3543



94.1667, 0.3223, 0.3363



46.1431, 0.3327, 0.3025



20.0232, 0.3233, 0.3371



0.0000, 0.0000, 0.0000



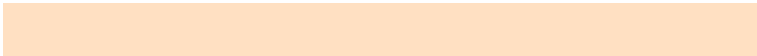
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6909, 0.3479, 0.3543



78.3126, 0.3560, 0.3596



63.5666, 0.3432, 0.3784



13.4135, 0.3279, 0.3404



14.9130, 0.5431, 0.4070



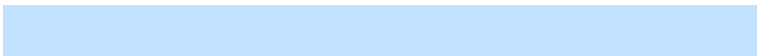
1.0649, 0.5161, 0.4284

Inverse Universe

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



50.4311, 0.2809, 0.3023



72.5509, 0.2745, 0.2964



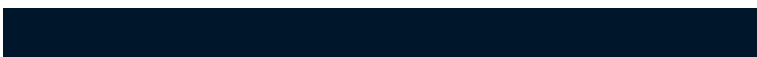
41.8365, 0.2791, 0.2743



13.0473, 0.2982, 0.3173



9.7986, 0.1785, 0.1624



0.7565, 0.1870, 0.1932

Previews

White Background



This preview shows how the Yxy color 53.6885, 0.3479, 0.3543 looks on a white background.

Color Contrast Check

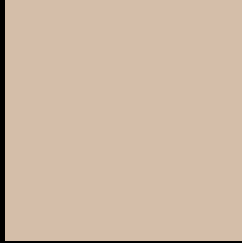
Large Text (above 18pt) WCAG AA × Fail

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 53.6885, 0.3479, 0.3543 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 53.6885, 0.3479, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 53.6885, 0.3479, 0.3543.



This preview shows how white text looks on a background with the Yxy color 53.6885, 0.3479, 0.3543.

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

53.6885, 0.3479, 0.3543

Protanopia

53.7767, 0.3380, 0.3560

Deuteranopia

53.8151, 0.3557, 0.3490



Tritanopia

53.8869, 0.3268, 0.3128

Trichromacy



Original Color

53.6885, 0.3479, 0.3543

Protanomaly

53.7234, 0.3415, 0.3559

Deuteranomaly

53.7741, 0.3528, 0.3504

Tritanomaly

53.6618, 0.3347, 0.3267

Monochromacy



Original Color

53.6885, 0.3479, 0.3543

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0602, 0.3253, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6885, 0.3479, 0.3543 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(212, 190, 169)` looks like.

```
.text, #text, p{  
    color:rgb(212, 190, 169)  
}
```

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(212, 190, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 190, 169) }
```

Border

The CSS property to change the border of an element to Yxy 53.6885, 0.3479, 0.3543 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(212, 190, 169) }
```

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

```
.border{ border-color:rgb(212, 190, 169) }
```

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

Here you see how a box with a 4 pixel rgb(212, 190, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 190, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 190, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 190,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6885, 0.3479, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 190, 169) }
```

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

```
.background{ background-color: rgb(212,  
190, 169) }
```

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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