

Converting Colors

$Yxy(54.0504, 0.3444, 0.3587)$

Have a look what the booklet for
Yxy(54.0504, 0.3444, 0.3587)
contains.

Yxy(53.9363, 0.3449, 0.3582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.9363, 0.3449, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	D0C0A8
RGB	208, 192, 168
RGB Percent	82%, 75%, 66%
CMY	0.1842, 0.2471, 0.3413
CMYK	0.00, 0.08, 0.19, 0.18
HSL	36°, 30%, 74%
HSV	36°, 19%, 82%
XYZ	51.9336, 53.9363, 44.7060
YIQ	194.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

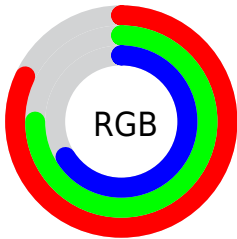
Format	Color
RYB	195, 208, 168
Decimal	13680808
CIELab	78.42, 1.76, 14.15
CIELCh	78, 14.260, 82.901
Yxy	53.9363, 0.3449, 0.3582
Android (android.graphics.Color)	4291870888 (0xFFD0C0A8)
YUV	194.0480, -12.8417, 12.2359
Hunter-Lab	73.4413, -2.2970, 15.3173

Details

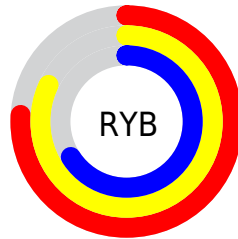
The Yxy color **53.9363, 0.3449, 0.3582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1601, 0.2823, 0.2980**, and the grayscale version is **54.0505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7225, 0.3324, 0.3535**, and **26.4985, 0.3529, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **49.6712, 0.3644, 0.3742**, and if you desaturate by 10%, it is **58.5371, 0.3273, 0.3427**.

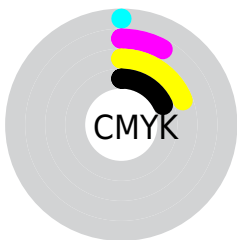
Distribution



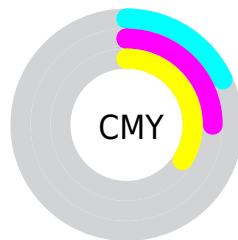
- Red (82%)
- Green (75%)
- Blue (66%)



- Red (76%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9363, 0.3449, 0.3582 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 53.9363, 0.3449, 0.3582 by changing the saturation by 10% instead.


 53.9363, 0.3449,
0.3582

 53.9363, 0.3449,
0.3582


401.8671, 0.3292,
0.3440

 38.5507, 0.3487,
0.3616


 95.9807, 0.3393,
0.3532

 26.4104, 0.3535,
0.3659


 123.4083, 0.3371,
0.3512

 17.1309, 0.3598,
0.3715


155.6188, 0.3353,
0.3496

 10.3279, 0.3684,
0.3790

192.9965, 0.3337,
0.3482

 5.6169, 0.3806,
0.3896

235.9257, 0.3324,
0.3469

 2.6136, 0.3994,
0.4056

284.7910, 0.3312,

 0.9335, 0.4928,

0.3459

0.4933

339.9766, 0.3301,
0.3449

0.0000, 0.0000,
0.0000

53.9363, 0.3449,
0.3582

53.9363, 0.3449,
0.3582

49.6712, 0.3644,
0.3742

58.5371, 0.3273,
0.3427

45.7253, 0.3856,
0.3900

63.4751, 0.3116,
0.3279

42.0912, 0.4082,
0.4050

68.7612, 0.2977,
0.3141

38.7582, 0.4316,
0.4182

74.4034, 0.2854,
0.3013

35.7151, 0.4547,
0.4284

79.2664, 0.2837,
0.3064

■ 32.9493, 0.4765,
0.4344

■ 84.1088, 0.2842,
0.3153

■ 30.4464, 0.4956,
0.4354

■ 89.1768, 0.2847,
0.3240

■ 28.1849, 0.5115,
0.4315

■ 92.1540, 0.2849,
0.3289

■ 28.0241, 0.5127,
0.4311

Harmonies

Analogous

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



53.9363, 0.3504, 0.3462



53.9363, 0.3449, 0.3582



53.9363, 0.3307, 0.3626

Triad

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



53.9363, 0.3449, 0.3582



53.9363, 0.2810, 0.3262



53.9363, 0.3126, 0.3027

Complementary

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



53.9363, 0.3449, 0.3582



47.1601, 0.2823, 0.2980

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.



53.9363, 0.2942, 0.2973



53.9363, 0.3449, 0.3582



53.9363, 0.2764, 0.3101

Square

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



53.9363, 0.3449, 0.3582



53.9363, 0.2939, 0.3438



53.9363, 0.2812, 0.2997



53.9363, 0.3314, 0.3147

Rectangle

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



53.9363, 0.3449, 0.3582



53.9363, 0.3184, 0.3602



53.9363, 0.2812, 0.2997



53.9363, 0.3061, 0.3001

Sweetspot

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



53.9387, 0.3449, 0.3582



95.2087, 0.3221, 0.3379



44.8983, 0.3351, 0.3087



20.2695, 0.3232, 0.3389



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.



53.9387, 0.3449, 0.3582



82.7093, 0.3525, 0.3646



60.8868, 0.3388, 0.3770



12.9706, 0.3276, 0.3429



17.6546, 0.5110, 0.4325



1.1402, 0.4898, 0.4493

Inverse Universe

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



47.1601, 0.2823, 0.2980



70.0957, 0.2755, 0.2906



41.2442, 0.2837, 0.2770



12.1831, 0.2982, 0.3147



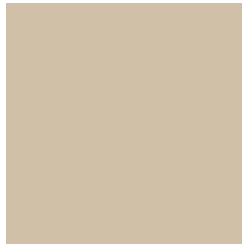
6.8949, 0.1688, 0.1275



0.5391, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 53.9363, 0.3449, 0.3582 looks on a white background.

Color Contrast Check

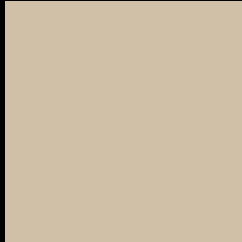
Large Text (above 18pt) WCAG AA × Fail

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 53.9363, 0.3449, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

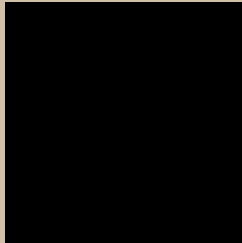
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9363, 0.3449, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 53.9363, 0.3449, 0.3582.



This preview shows how white text looks on a background with the Yxy color 53.9363, 0.3449, 0.3582.

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

53.9363, 0.3449, 0.3582

Protanopia

54.1447, 0.3394, 0.3597

Deuteranopia

53.9348, 0.3574, 0.3501



Tritanopia

53.8020, 0.3218, 0.3115

Trichromacy



Original Color

53.9363, 0.3449, 0.3582

Protanomaly

53.9836, 0.3413, 0.3584

Deuteranomaly

54.0115, 0.3525, 0.3528

Tritanomaly

53.9618, 0.3303, 0.3279

Monochromacy



Original Color

53.9363, 0.3449, 0.3582

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7848, 0.3237, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9363, 0.3449, 0.3582 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(208, 192, 168)` looks like.

```
.text, #text, p{  
    color:rgb(208, 192, 168)  
}
```

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(208, 192, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 192, 168) }
```

Border

The CSS property to change the border of an element to Yxy 53.9363, 0.3449, 0.3582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

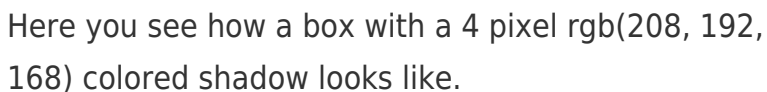
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 192, 168) }
```

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

```
.border{ border-color:rgb(208, 192, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 192, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 192, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 192, 168); box-shadow:4px 4px 4px 4px rgb(208, 192, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9363, 0.3449, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 192, 168) }
```

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

```
.background{ background-color: rgb(208,  
192, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor