

Converting Colors

Yxy(53.9706, 0.3358, 0.3426)

Have a look what the booklet for
Yxy(53.9706, 0.3358, 0.3426)
contains.

Yxy(53.9668, 0.3354, 0.3423)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.9668, 0.3354, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	D0BFB4
RGB	208, 191, 180
RGB Percent	82%, 75%, 71%
CMY	0.1844, 0.2509, 0.2941
CMYK	0.00, 0.08, 0.13, 0.18
HSL	24°, 23%, 76%
HSV	24°, 13%, 82%
XYZ	52.8790, 53.9668, 50.8136
YIQ	194.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

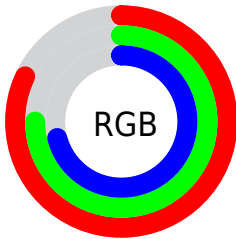
Format	Color
R_{YB}	208, 198, 180
Decimal	13680564
CIE _{Lab}	78.44, 4.15, 7.70
CIE _{LCh}	78, 8.747, 61.669
Yxy	53.9668, 0.3354, 0.3423
Android (android.graphics.Color)	4291870644 (0xFFD0BFB4)
YUV	194.8290, -7.3107, 11.5510
Hunter-Lab	73.4621, -0.0721, 10.4127

Details

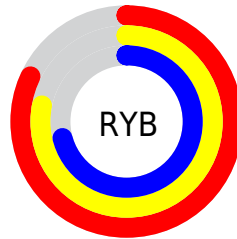
The Yxy color **53.9668, 0.3354, 0.3423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1836, 0.2920, 0.3153**, and the grayscale version is **54.5050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8377, 0.3245, 0.3397**, and **26.4816, 0.3413, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **47.9141, 0.3556, 0.3528**, and if you desaturate by 10%, it is **60.6259, 0.3181, 0.3323**.

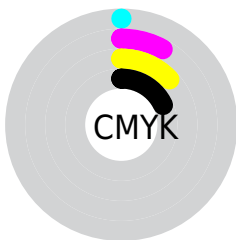
Distribution



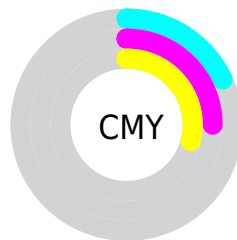
- Red (82%)
- Green (75%)
- Blue (71%)



- Red (82%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9668, 0.3354, 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 53.9668, 0.3354, 0.3423 by changing the saturation by 10% instead.


 53.9668, 0.3354,
0.3423

 53.9668, 0.3354,
0.3423


401.9834, 0.3243,
0.3359

 38.5751, 0.3381,
0.3438


 96.0255, 0.3314,
0.3400

 26.4294, 0.3415,
0.3458


123.4613, 0.3299,
0.3392

 17.1451, 0.3461,
0.3482


155.6806, 0.3286,
0.3384

 10.3380, 0.3522,
0.3516

193.0678, 0.3275,
0.3378

 5.6236, 0.3612,
0.3564

236.0073, 0.3265,
0.3372

 2.6176, 0.3754,
0.3636

284.8834, 0.3257,

 0.9355, 0.4137,

0.3367

0.3876

340.0807, 0.3250,
0.3363

0.0000, 0.0000,
0.0000

53.9668, 0.3354,
0.3423

53.9668, 0.3354,
0.3423

47.9141, 0.3556,
0.3528

60.6259, 0.3181,
0.3323

42.4430, 0.3788,
0.3636

67.9009, 0.3033,
0.3230

37.5374, 0.4054,
0.3741

75.8104, 0.2906,
0.3144

33.1780, 0.4349,
0.3837

83.8301, 0.2841,
0.3148

29.3438, 0.4668,
0.3911

91.5829, 0.2849,
0.3280

■ 26.0125, 0.4994,
0.3953

■ 92.1479, 0.2849,
0.3289

■ 23.1597, 0.5306,
0.3948

■ 20.7583, 0.5576,
0.3891

■ 19.4092, 0.5729,
0.3833

Harmonies

Analogous

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



53.9668, 0.3342, 0.3330



53.9668, 0.3354, 0.3423



53.9668, 0.3304, 0.3483

Triad

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



53.9668, 0.3354, 0.3423



53.9668, 0.2984, 0.3351



53.9668, 0.3045, 0.3098

Complementary

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



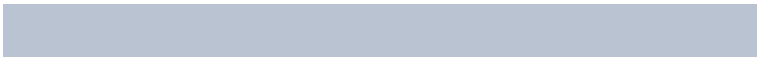
53.9668, 0.3354, 0.3423



54.1836, 0.2920, 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.



53.9668, 0.2952, 0.3100



53.9668, 0.3354, 0.3423



53.9668, 0.2917, 0.3244

Square

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



53.9668, 0.3354, 0.3423



53.9668, 0.3089, 0.3442



53.9668, 0.2905, 0.3152



53.9668, 0.3162, 0.3145

Rectangle

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



53.9668, 0.3354, 0.3423



53.9668, 0.3243, 0.3494



53.9668, 0.2905, 0.3152



53.9668, 0.3010, 0.3093

Sweetspot

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



53.9692, 0.3354, 0.3423



95.4747, 0.3190, 0.3329



50.0972, 0.3229, 0.3084



20.2572, 0.3203, 0.3336



0.0000, 0.0000, 0.0000



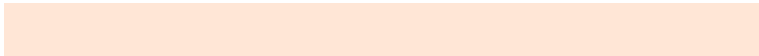
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9692, 0.3354, 0.3423



82.8539, 0.3406, 0.3451



60.2332, 0.3332, 0.3583



12.5599, 0.3281, 0.3382



12.2747, 0.5704, 0.3853



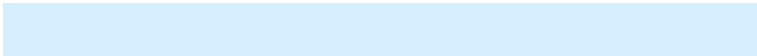
0.8392, 0.5366, 0.4122

Inverse Universe

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



54.1836, 0.2920, 0.3153



83.2544, 0.2877, 0.3123



48.2374, 0.2915, 0.2979



12.5942, 0.2983, 0.3196



12.3657, 0.1877, 0.1957



0.8436, 0.1952, 0.2228

Previews

White Background



This preview shows how the Yxy color 53.9668, 0.3354, 0.3423 looks on a white background.

Color Contrast Check

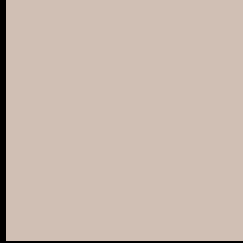
Large Text (above 18pt) WCAG AA × Fail

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 53.9668, 0.3354, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

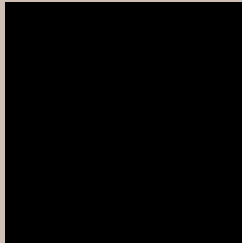
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

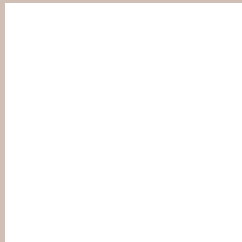
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9668, 0.3354, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 53.9668, 0.3354, 0.3423.



This preview shows how white text looks on a background with the Yxy color 53.9668, 0.3354, 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

53.9668, 0.3354, 0.3423

Protanopia

53.8936, 0.3284, 0.3437

Deuteranopia

53.7823, 0.3439, 0.3361



Tritanopia

54.0796, 0.3209, 0.3126

Trichromacy



Original Color

53.9668, 0.3354, 0.3423

Protanomaly

53.8728, 0.3311, 0.3424

Deuteranomaly

53.5988, 0.3403, 0.3374

Tritanomaly

53.9919, 0.3262, 0.3231

Monochromacy



Original Color

53.9668, 0.3354, 0.3423

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5806, 0.3206, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9668, 0.3354, 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(208, 191, 180)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 180)  
}
```

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, 191, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 180) }
```

Border

The CSS property to change the border of an element to Yxy 53.9668, 0.3354, 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(208, 191, 180) }
```

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

```
.border{ border-color:rgb(208, 191, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9668, 0.3354, 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(208, 191, 180) }
```

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

```
.background{ background-color: rgb(208,  
191, 180) }
```

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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