

Converting Colors

$Yxy(51.3429, 0.3257, 0.3552)$

Have a look what the booklet for
Yxy(51.3429, 0.3257, 0.3552)
contains.

Yxy(51.4584, 0.3263, 0.3558)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.4584, 0.3263, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	BDC0AB
RGB	189, 192, 171
RGB Percent	74%, 75%, 67%
CMY	0.2587, 0.2471, 0.3294
CMYK	0.02, 0.00, 0.11, 0.25
HSL	68°, 14%, 71%
HSV	68°, 11%, 75%
XYZ	47.1919, 51.4584, 45.9770
YIQ	188.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

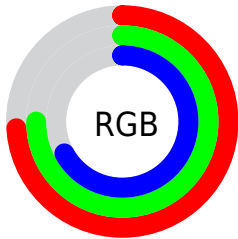
Format	Color
RYB	171, 192, 174
Decimal	12435627
CIELab	76.96, -4.75, 10.22
CIELCh	77, 11.271, 114.906
Yxy	51.4584, 0.3263, 0.3558
Android (android.graphics.Color)	4290625707 (0xFFBDC0AB)
YUV	188.7090, -8.7305, 0.2552
Hunter-Lab	71.7345, -8.1058, 12.2132

Details

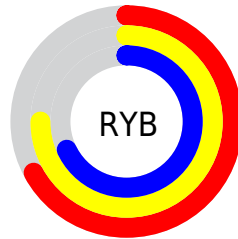
The Yxy color **51.4584, 0.3263, 0.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.9311, 0.2983, 0.3012**, and the grayscale version is **50.7661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0383, 0.3240, 0.3510**, and **25.0314, 0.3300, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **50.4365, 0.3389, 0.3813**, and if you desaturate by 10%, it is **52.5977, 0.3139, 0.3312**.

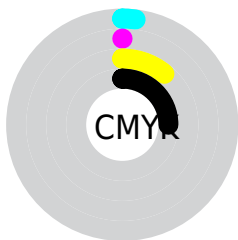
Distribution



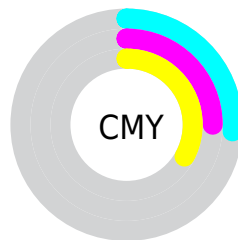
- Red (74%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4584, 0.3263, 0.3558 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 51.4584, 0.3263, 0.3558 by changing the saturation by 10% instead.

■ 51.4584, 0.3263,
0.3558

■ 51.4584, 0.3263,
0.3558

392.3422, 0.3197,
0.3425

■ 36.5736, 0.3279,
0.3591

■ 92.3320, 0.3239,
0.3510

■ 24.8775, 0.3299,
0.3633

119.0896, 0.3230,
0.3492

■ 15.9858, 0.3326,
0.3689

150.5735, 0.3223,
0.3476

■ 9.5141, 0.3361,
0.3767

187.1681, 0.3216,
0.3463

■ 5.0780, 0.3412,
0.3881

229.2579, 0.3210,
0.3452

■ 2.2931, 0.3491,
0.4067

277.2273, 0.3205,

■ 0.7701, 0.4080,

0.3442

0.5100

331.4605, 0.3201,
0.3433

0.0000, 0.0000,
0.0000

51.4584, 0.3263,
0.3558

51.4584, 0.3263,
0.3558

50.4365, 0.3389,
0.3813

52.5977, 0.3139,
0.3312

49.5206, 0.3514,
0.4072

53.8519, 0.3019,
0.3080

48.7080, 0.3631,
0.4327

55.2275, 0.2905,
0.2865


47.9934, 0.3737,
0.4566

56.7281, 0.2799,
0.2667

47.3710, 0.3825,
0.4781

57.5600, 0.2773,
0.2599


 46.8342, 0.3892,
0.4962


 57.9439, 0.2792,
0.2603


 46.3757, 0.3933,
0.5101

 58.3345, 0.2812,
0.2606

 45.9866, 0.3948,
0.5195

 58.7319, 0.2831,
0.2610

 45.6784, 0.3945,
0.5249

 59.1360, 0.2850,
0.2614

Harmonies

Analogous

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



51.4584, 0.3380, 0.3529



51.4584, 0.3263, 0.3558



51.4584, 0.3112, 0.3511

Triad

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



51.4584, 0.3263, 0.3558



51.4584, 0.2835, 0.3132



51.4584, 0.3287, 0.3183

Complementary

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



51.4584, 0.3263, 0.3558



41.9311, 0.2983, 0.3012

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.



51.4584, 0.3137, 0.3083



51.4584, 0.3263, 0.3558



51.4584, 0.2878, 0.3051

Square

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



51.4584, 0.3263, 0.3558



51.4584, 0.2867, 0.3259



51.4584, 0.2988, 0.3035



51.4584, 0.3394, 0.3311

Rectangle

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



51.4584, 0.3263, 0.3558



51.4584, 0.3012, 0.3442



51.4584, 0.2988, 0.3035



51.4584, 0.3239, 0.3145

Sweetspot

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



51.4606, 0.3263, 0.3558



94.8543, 0.3165, 0.3363



44.3444, 0.3315, 0.3327



20.3127, 0.3175, 0.3383



97.7402, 0.3127, 0.3290



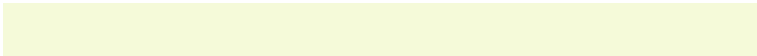
20.4902, 0.3127, 0.3290

Same Dimension

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



51.4606, 0.3263, 0.3558



92.8073, 0.3292, 0.3616



50.1870, 0.3177, 0.3565



11.6838, 0.3243, 0.3519



30.7635, 0.3948, 0.5247



1.3494, 0.4006, 0.5201

Inverse Universe

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



41.9311, 0.2983, 0.3012



72.2660, 0.2950, 0.2949



43.1624, 0.3072, 0.3019



9.8148, 0.3005, 0.3053



2.7399, 0.1562, 0.0634



0.1409, 0.1732, 0.0728

Previews

White Background



This preview shows how the Yxy color 51.4584, 0.3263, 0.3558 looks on a white background.

Color Contrast Check

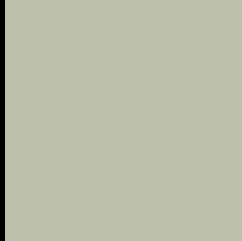
Large Text (above 18pt) WCAG AA × Fail

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 51.4584, 0.3263, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

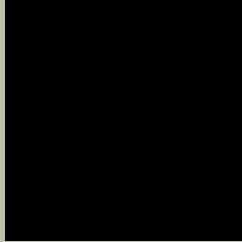
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4584, 0.3263, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 51.4584, 0.3263, 0.3558.



This preview shows how white text looks on a background with the Yxy color 51.4584, 0.3263, 0.3558.

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

51.4584, 0.3263, 0.3558

Protanopia

51.3032, 0.3352, 0.3528

Deuteranopia

51.1802, 0.3479, 0.3411



Tritanopia

51.2742, 0.3070, 0.3106

Trichromacy



Original Color

51.4584, 0.3263, 0.3558

Protanomaly

51.3313, 0.3325, 0.3542

Deuteranomaly

51.0755, 0.3402, 0.3463

Tritanomaly

51.3632, 0.3137, 0.3265

Monochromacy



Original Color

51.4584, 0.3263, 0.3558

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0231, 0.3180, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4584, 0.3263, 0.3558 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(189, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 192, 171)  
}
```

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(189, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 192, 171) }
```

Border

The CSS property to change the border of an element to Yxy 51.4584, 0.3263, 0.3558 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(189, 192, 171) }
```

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

```
.border{ border-color:rgb(189, 192, 171) }
```

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

Here you see how a box with a 4 pixel rgb(189, 192, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(189, 192,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4584, 0.3263, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 192, 171) }
```

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

```
.background{ background-color: rgb(189,  
192, 171) }
```

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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