

Converting Colors

$Y_{xy}(50.0375, 0.3310, 0.3533)$

Have a look what the booklet for
Yxy(50.0375, 0.3310, 0.3533)
contains.

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Color

Yxy(50.0375, 0.3310, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	C0BCA9
RGB	192, 188, 169
RGB Percent	75%, 74%, 66%
CMY	0.2471, 0.2627, 0.3373
CMYK	0.00, 0.02, 0.12, 0.25
HSL	50°, 15%, 71%
HSV	50°, 12%, 75%
XYZ	46.8792, 50.0375, 44.7123
YIQ	187.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

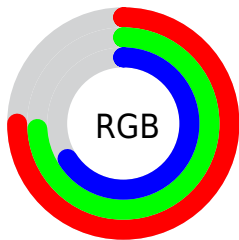
Format	Color
RYB	174, 192, 169
Decimal	12631209
CIELab	76.09, -1.90, 10.12
CIELCh	76, 10.300, 100.635
Yxy	50.0375, 0.3310, 0.3533
Android (android.graphics.Color)	4290821289 (0xFFC0BCA9)
YUV	187.0300, -8.8888, 4.3587
Hunter-Lab	70.7372, -5.4940, 12.0394

Details

The Yxy color **50.0375, 0.3310, 0.3533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.1093, 0.2941, 0.3035**, and the grayscale version is **49.7590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0396, 0.3276, 0.3490**, and **24.0156, 0.3354, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **47.9682, 0.3473, 0.3743**, and if you desaturate by 10%, it is **52.2497, 0.3156, 0.3329**.

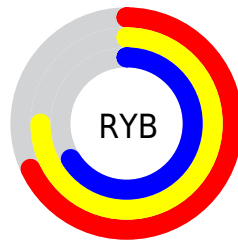
Distribution



Red (75%)

Green (74%)

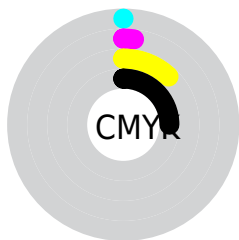
Blue (66%)



Red (68%)

Yellow (75%)

Blue (66%)

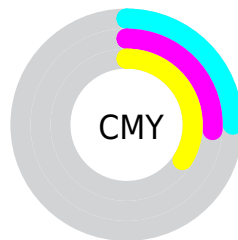


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0375, 0.3310, 0.3533 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 50.0375, 0.3310, 0.3533 by changing the saturation by 10% instead.

 50.0375, 0.3310,
0.3533

 50.0375, 0.3310,
0.3533


386.8126, 0.3220,
0.3412

 35.4432, 0.3332,
0.3563


 90.2304, 0.3278,
0.3489

 24.0045, 0.3360,
0.3601

116.5979, 0.3265,
0.3473

 15.3369, 0.3397,
0.3651


147.6584, 0.3255,
0.3459

 9.0562, 0.3448,
0.3721

183.7966, 0.3246,
0.3447

 4.7779, 0.3522,
0.3825

225.3967, 0.3238,
0.3437

 2.1175, 0.3639,
0.3991

272.8431, 0.3231,

 0.6745, 0.4589,

0.3428

0.5205

326.5203, 0.3225,
0.3420

0.0000, 0.0000,
0.0000

50.0375, 0.3310,
0.3533

50.0375, 0.3310,
0.3533

47.9682, 0.3473,
0.3743

52.2497, 0.3156,
0.3329

46.0304, 0.3643,
0.3954

54.6028, 0.3014,
0.3136

44.2212, 0.3814,
0.4159

57.1032, 0.2883,
0.2954

42.5350, 0.3982,
0.4349

59.7551, 0.2765,
0.2786

40.9657, 0.4140,
0.4513

61.9031, 0.2713,
0.2730

■ 39.5066, 0.4280,
0.4643

■ 63.5048, 0.2717,
0.2768

■ 38.1498, 0.4395,
0.4730

■ 65.1404, 0.2720,
0.2806

■ 36.8862, 0.4483,
0.4772

■ 66.8101, 0.2723,
0.2844

■ 35.9271, 0.4536,
0.4780

■ 68.5141, 0.2727,
0.2882

Harmonies

Analogous

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



50.0375, 0.3391, 0.3477



50.0375, 0.3310, 0.3533



50.0375, 0.3181, 0.3522

Triad

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



50.0375, 0.3310, 0.3533



50.0375, 0.2862, 0.3197



50.0375, 0.3211, 0.3142

Complementary

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



50.0375, 0.3310, 0.3533



42.1093, 0.2941, 0.3035

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.



50.0375, 0.3069, 0.3070



50.0375, 0.3310, 0.3533



50.0375, 0.2870, 0.3099

Square

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



50.0375, 0.3310, 0.3533



50.0375, 0.2924, 0.3324



50.0375, 0.2944, 0.3054



50.0375, 0.3333, 0.3252

Rectangle

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



50.0375, 0.3310, 0.3533



50.0375, 0.3086, 0.3477



50.0375, 0.2944, 0.3054



50.0375, 0.3164, 0.3113

Sweetspot

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



50.0397, 0.3310, 0.3533



93.8311, 0.3187, 0.3371



42.5979, 0.3303, 0.3236



20.0636, 0.3199, 0.3386



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.



50.0397, 0.3310, 0.3533



89.8178, 0.3346, 0.3580



50.8361, 0.3242, 0.3588



11.4523, 0.3269, 0.3479



24.2786, 0.4531, 0.4784



1.1289, 0.4444, 0.4854

Inverse Universe

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



42.1093, 0.2941, 0.3035



73.0244, 0.2904, 0.2983



41.4344, 0.3002, 0.2986



10.0234, 0.2983, 0.3094



3.3813, 0.1547, 0.0768



0.2351, 0.1652, 0.1146

Previews

White Background



This preview shows how the Yxy color 50.0375, 0.3310, 0.3533 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 50.0375, 0.3310, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

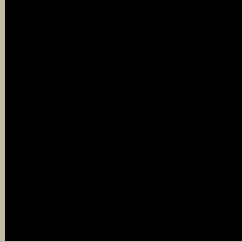
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

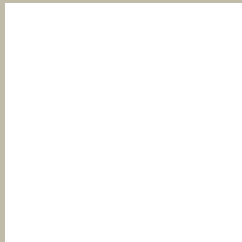
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0375, 0.3310, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 50.0375, 0.3310, 0.3533.



This preview shows how white text looks on a background with the Yxy color 50.0375, 0.3310, 0.3533.

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

50.0375, 0.3310, 0.3533

Protanopia

49.9699, 0.3346, 0.3531

Deuteranopia

49.9471, 0.3492, 0.3424



Tritanopia

50.0940, 0.3119, 0.3118

Trichromacy



Original Color

50.0375, 0.3310, 0.3533

Protanomaly

49.8371, 0.3337, 0.3532

Deuteranomaly

50.1624, 0.3423, 0.3463

Tritanomaly

49.8879, 0.3196, 0.3265

Monochromacy



Original Color

50.0375, 0.3310, 0.3533

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6548, 0.3198, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0375, 0.3310, 0.3533 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(192, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(192, 188, 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(192, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 50.0375, 0.3310, 0.3533 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(192, 188, 169) }
```

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

```
.border{ border-color:rgb(192, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 188, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 188, 169); box-shadow:4px 4px 4px 4px rgb(192, 188, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0375, 0.3310, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 188, 169) }
```

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

```
.background{ background-color: rgb(192,  
188, 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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