

Converting Colors

$Yxy(49.9344, 0.3289, 0.3402)$

Have a look what the booklet for
Yxy(49.9344, 0.3289, 0.3402)
contains.

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Color

Yxy(50.0279, 0.3283, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	C4BAB1
RGB	196, 186, 177
RGB Percent	77%, 73%, 69%
CMY	0.2313, 0.2706, 0.3058
CMYK	0.00, 0.05, 0.10, 0.23
HSL	28°, 14%, 73%
HSV	28°, 10%, 77%
XYZ	48.2638, 50.0279, 48.7195
YIQ	187.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

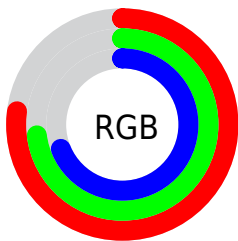
Format	Color
RYB	196, 194, 177
Decimal	12892849
CIELab	76.09, 1.98, 5.80
CIElCh	76, 6.126, 71.179
Yxy	50.0279, 0.3283, 0.3403
Android (android.graphics.Color)	4291082929 (0xFFC4BAB1)
YUV	187.9640, -5.4053, 7.0476
Hunter-Lab	70.7304, -1.9765, 8.6720

Details

The Yxy color **50.0279, 0.3283, 0.3403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8928, 0.2979, 0.3174**, and the grayscale version is **50.2981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2701, 0.3255, 0.3379**, and **23.9811, 0.3329, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **45.1045, 0.3467, 0.3526**, and if you desaturate by 10%, it is **55.3831, 0.3122, 0.3286**.

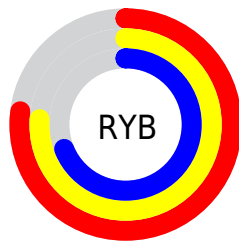
Distribution



Red (77%)

Green (73%)

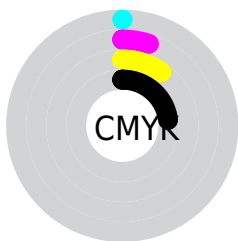
Blue (69%)



Red (77%)

Yellow (76%)

Blue (69%)

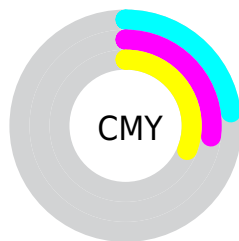


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0279, 0.3283, 0.3403 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 50.0279, 0.3283, 0.3403 by changing the saturation by 10% instead.

 50.0279, 0.3283,
0.3403

 50.0279, 0.3283,
0.3403

386.7750, 0.3206,
0.3348

 35.4356, 0.3302,
0.3417


 90.2162, 0.3255,
0.3383

 23.9986, 0.3326,
0.3434


116.5810, 0.3245,
0.3375

 15.3326, 0.3359,
0.3457


147.6387, 0.3236,
0.3369

 9.0531, 0.3403,
0.3488

183.7737, 0.3228,
0.3364

 4.7759, 0.3470,
0.3534

225.3705, 0.3221,
0.3359

 2.1164, 0.3577,
0.3606

272.8134, 0.3216,

 0.6738, 0.4073,

0.3355

326.4867, 0.3210,
0.3351

0.3985

0.0000, 0.0000,
0.0000

50.0279, 0.3283,
0.3403

50.0279, 0.3283,
0.3403

45.1045, 0.3467,
0.3526

55.3831, 0.3122,
0.3286

40.5949, 0.3677,
0.3654

61.1743, 0.2983,
0.3178

36.4894, 0.3913,
0.3780

67.4144, 0.2862,
0.3078

32.7754, 0.4174,
0.3900

74.0855, 0.2760,
0.2990

29.4394, 0.4453,
0.4003

79.9225, 0.2769,
0.3104

■ 26.4671, 0.4740,
0.4077

■ 86.1050, 0.2778,
0.3215

■ 23.8430, 0.5019,
0.4109

■ 90.4775, 0.2784,
0.3289

■ 21.5496, 0.5271,
0.4090

■ 19.5616, 0.5487,
0.4022

Harmonies

Analogous

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



50.0279, 0.3289, 0.3342



50.0279, 0.3283, 0.3403



50.0279, 0.3235, 0.3434

Triad

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



50.0279, 0.3283, 0.3403



50.0279, 0.3005, 0.3310



50.0279, 0.3094, 0.3158

Complementary

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



50.0279, 0.3283, 0.3403



48.8928, 0.2979, 0.3174

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.



50.0279, 0.3019, 0.3148



50.0279, 0.3283, 0.3403



50.0279, 0.2968, 0.3235

Square

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



50.0279, 0.3283, 0.3403



50.0279, 0.3074, 0.3381



50.0279, 0.2974, 0.3176



50.0279, 0.3179, 0.3202

Rectangle

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



50.0279, 0.3283, 0.3403



50.0279, 0.3186, 0.3434



50.0279, 0.2974, 0.3176



50.0279, 0.3067, 0.3151

Sweetspot

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



50.0301, 0.3283, 0.3403



96.9700, 0.3174, 0.3325



46.7857, 0.3210, 0.3163



20.5849, 0.3187, 0.3334



0.0000, 0.0000, 0.0000



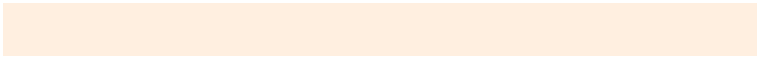
21.4041, 0.3127, 0.3290

Same Dimension

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



50.0301, 0.3283, 0.3403



88.3162, 0.3327, 0.3433



54.1133, 0.3270, 0.3518



10.8454, 0.3277, 0.3399



12.6999, 0.5471, 0.4038



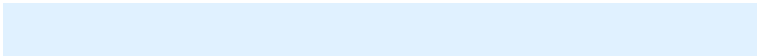
0.6866, 0.5114, 0.4322

Inverse Universe

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



48.8928, 0.2979, 0.3174



85.7683, 0.2940, 0.3142



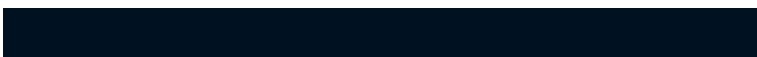
45.0406, 0.2978, 0.3051



10.6074, 0.2984, 0.3178



9.0140, 0.1802, 0.1687



0.5267, 0.1910, 0.2076

Previews

White Background



This preview shows how the Yxy color 50.0279, 0.3283, 0.3403 looks on a white background.

Color Contrast Check

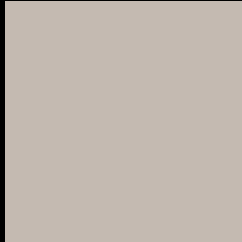
Large Text (above 18pt) WCAG AA × Fail

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 50.0279, 0.3283, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

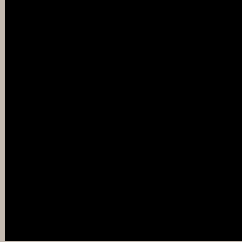
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

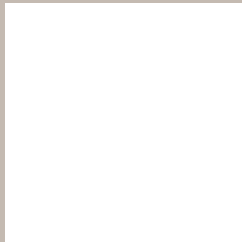
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0279, 0.3283, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 50.0279, 0.3283, 0.3403.

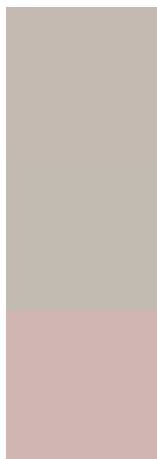


This preview shows how white text looks on a background with the Yxy color 50.0279, 0.3283, 0.3403.

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

50.0279, 0.3283, 0.3403

Protanopia

50.0524, 0.3256, 0.3417

Deuteranopia

49.8174, 0.3396, 0.3327



Tritanopia

50.0403, 0.3152, 0.3119

Trichromacy



Original Color

50.0279, 0.3283, 0.3403

Protanomaly

50.1843, 0.3265, 0.3416

Deuteranomaly

49.9187, 0.3349, 0.3352

Tritanomaly

50.0045, 0.3198, 0.3216

Monochromacy



Original Color

50.0279, 0.3283, 0.3403

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0777, 0.3184, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0279, 0.3283, 0.3403 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(196, 186, 177)` looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 177)  
}
```

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(196, 186, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.0279, 0.3283, 0.3403 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(196, 186, 177) }
```

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

```
.border{ border-color:rgb(196, 186, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 177);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0279, 0.3283, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 177) }
```

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

```
.background{ background-color: rgb(196,  
186, 177) }
```

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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