

Converting Colors

$Yxy(50.8881, 0.3240, 0.3377)$

Have a look what the booklet for
Yxy(50.8881, 0.3240, 0.3377)
contains.

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Color

Yxy(50.9047, 0.3240, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCB5
RGB	195, 188, 181
RGB Percent	76%, 74%, 71%
CMY	0.2354, 0.2627, 0.2902
CMYK	0.00, 0.04, 0.07, 0.24
HSL	30°, 10%, 74%
HSV	30°, 7%, 76%
XYZ	48.8251, 50.9047, 50.9650
YIQ	189.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

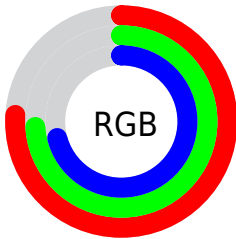
Format	Color
RYB	195, 195, 181
Decimal	12827829
CIELab	76.62, 1.21, 4.41
CIELCh	77, 4.569, 74.626
Yxy	50.9047, 0.3240, 0.3378
Android (android.graphics.Color)	4291017909 (0xFFC3BCB5)
YUV	189.2950, -4.0894, 5.0033
Hunter-Lab	71.3475, -2.7056, 7.5912

Details

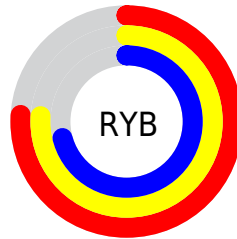
The Yxy color **50.9047, 0.3240, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7141, 0.3018, 0.3200**, and the grayscale version is **51.0872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5112, 0.3222, 0.3359**, and **24.5492, 0.3269, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **46.1485, 0.3416, 0.3507**, and if you desaturate by 10%, it is **56.0569, 0.3086, 0.3256**.

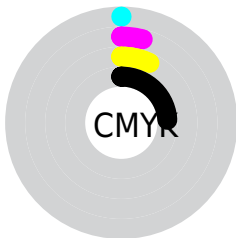
Distribution



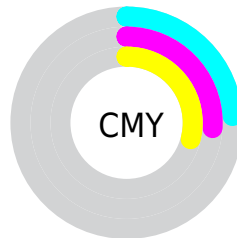
- Red (76%)
- Green (74%)
- Blue (71%)



- Red (76%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9047, 0.3240, 0.3378 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 50.9047, 0.3240, 0.3378 by changing the saturation by 10% instead.

■ 50.9047, 0.3240,
0.3378

■ 50.9047, 0.3240,
0.3378

■ 390.1934, 0.3184,
0.3335

■ 36.1328, 0.3254,
0.3389

■ 91.5139, 0.3220,
0.3362

■ 24.5368, 0.3271,
0.3402

■ 118.1199, 0.3212,
0.3357

■ 15.7323, 0.3294,
0.3420

■ 149.4395, 0.3206,
0.3352

■ 9.3349, 0.3326,
0.3444

■ 185.8569, 0.3200,
0.3347

■ 4.9603, 0.3373,
0.3480

■ 227.7566, 0.3196,
0.3344

■ 2.2240, 0.3449,
0.3536

■ 275.5230, 0.3191,

■ 0.7330, 0.3726,

0.3340

0.3760

329.5405, 0.3188,
0.3337

0.0000, 0.0000,
0.0000

50.9047, 0.3240,
0.3378

50.9047, 0.3240,
0.3378

46.1485, 0.3416,
0.3507

56.0569, 0.3086,
0.3256

41.7715, 0.3617,
0.3641

61.6082, 0.2951,
0.3143

37.7655, 0.3841,
0.3776

67.5700, 0.2834,
0.3039

34.1193, 0.4088,
0.3905

73.6917, 0.2753,
0.2984

30.8210, 0.4353,
0.4020

79.1544, 0.2762,
0.3092

■ 27.8580, 0.4627,
0.4109

■ 84.9218, 0.2771,
0.3197

■ 25.2165, 0.4895,
0.4159

■ 90.3396, 0.2778,
0.3289

■ 22.8813, 0.5141,
0.4160

■ 20.8336, 0.5351,
0.4107

Harmonies

Analogous

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



50.9047, 0.3248, 0.3335



50.9047, 0.3240, 0.3378



50.9047, 0.3202, 0.3398

Triad

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



50.9047, 0.3240, 0.3378



50.9047, 0.3032, 0.3298



50.9047, 0.3110, 0.3195

Complementary

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



50.9047, 0.3240, 0.3378



49.7141, 0.3018, 0.3200

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.



50.9047, 0.3053, 0.3184



50.9047, 0.3240, 0.3378



50.9047, 0.3008, 0.3243

Square

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



50.9047, 0.3240, 0.3378



50.9047, 0.3081, 0.3352



50.9047, 0.3016, 0.3202



50.9047, 0.3173, 0.3230

Rectangle

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



50.9047, 0.3240, 0.3378



50.9047, 0.3164, 0.3395



50.9047, 0.3016, 0.3202



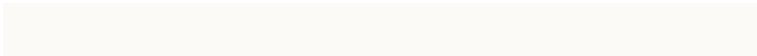
50.9047, 0.3090, 0.3188

Sweetspot

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



50.9069, 0.3240, 0.3378



95.8498, 0.3158, 0.3315



48.2758, 0.3191, 0.3203



21.0103, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



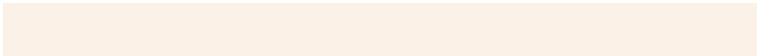
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9069, 0.3240, 0.3378



89.4635, 0.3273, 0.3403



53.9575, 0.3232, 0.3464



10.8940, 0.3277, 0.3406



13.3648, 0.5387, 0.4105



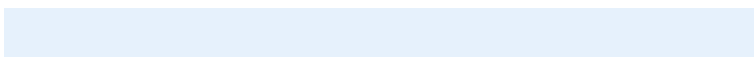
0.7153, 0.5052, 0.4371

Inverse Universe

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



49.7141, 0.3018, 0.3200



86.7767, 0.2987, 0.3175



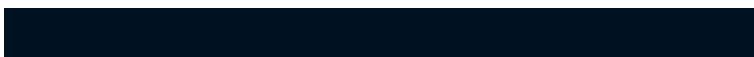
46.8083, 0.3018, 0.3110



10.5586, 0.2984, 0.3172



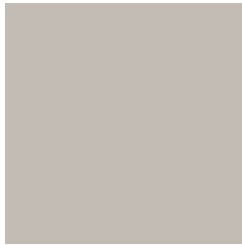
8.3071, 0.1775, 0.1590



0.4968, 0.1888, 0.1997

Previews

White Background



This preview shows how the Yxy color 50.9047, 0.3240, 0.3378 looks on a white background.

Color Contrast Check

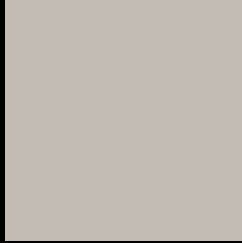
Large Text (above 18pt) WCAG AA × Fail

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 50.9047, 0.3240, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

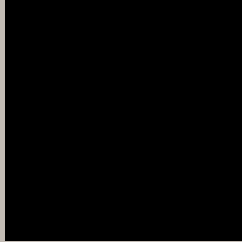
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

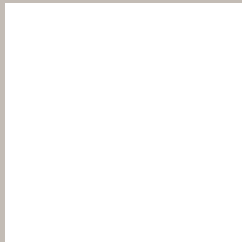
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9047, 0.3240, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 50.9047, 0.3240, 0.3378.

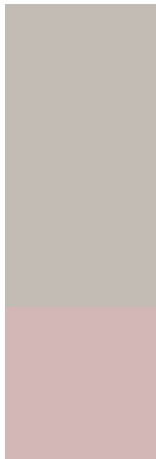


This preview shows how white text looks on a background with the Yxy color 50.9047, 0.3240, 0.3378.

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

50.9047, 0.3240, 0.3378

Protanopia

50.7720, 0.3232, 0.3378

Deuteranopia

50.9460, 0.3368, 0.3303



Tritanopia

50.8738, 0.3119, 0.3108

Trichromacy



Original Color

50.9047, 0.3240, 0.3378

Protanomaly

50.7720, 0.3232, 0.3378

Deuteranomaly

51.0545, 0.3322, 0.3327

Tritanomaly

50.8384, 0.3165, 0.3204

Monochromacy



Original Color

50.9047, 0.3240, 0.3378

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0167, 0.3167, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9047, 0.3240, 0.3378 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(195, 188, 181)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 181)  
}
```

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(195, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.9047, 0.3240, 0.3378 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(195, 188, 181) }
```

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

```
.border{ border-color:rgb(195, 188, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9047, 0.3240, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 181) }
```

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

```
.background{ background-color: rgb(195,  
188, 181) }
```

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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