

Converting Colors

Yxy(49.9361, 0.3188, 0.3253)

Have a look what the booklet for
Yxy(49.9361, 0.3188, 0.3253)
contains.

Yxy(49.9309, 0.3188, 0.3253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.9309, 0.3188, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C3B9BC
RGB	195, 185, 188
RGB Percent	76%, 73%, 74%
CMY	0.2352, 0.2745, 0.2628
CMYK	0.00, 0.05, 0.04, 0.24
HSL	342°, 8%, 75%
HSV	342°, 5%, 76%
XYZ	48.9332, 49.9309, 54.6278
YIQ	188.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

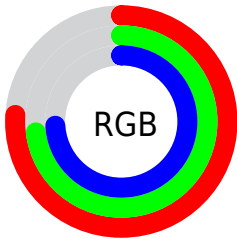
Format	Color
R _Y B	195, 185, 188
Decimal	12827068
CIE Lab	76.03, 4.07, -0.25
CIE LCh	76, 4.077, 356.428
Yxy	49.9309, 0.3188, 0.3253
Android (android.graphics.Color)	4291017148 (0xFFC3B9BC)
YUV	188.3320, -0.1637, 5.8478
Hunter-Lab	70.6618, -0.0471, 3.6269

Details

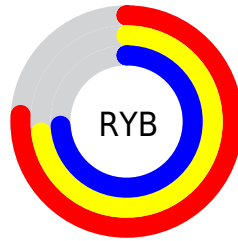
The Yxy color **49.9309, 0.3188, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1585, 0.3070, 0.3327**, and the grayscale version is **50.4885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1377, 0.3181, 0.3261**, and **23.9145, 0.3198, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **41.7629, 0.3327, 0.3177**, and if you desaturate by 10%, it is **59.2783, 0.3075, 0.3324**.

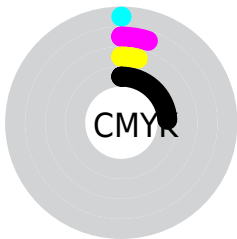
Distribution



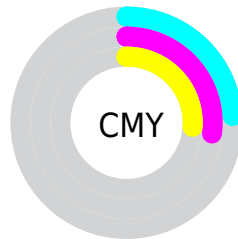
- Red (76%)
- Green (73%)
- Blue (74%)



- Red (76%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (24%)





- Cyan (24%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9309, 0.3188, 0.3253 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 49.9309, 0.3188, 0.3253 by changing the saturation by 10% instead.


 49.9309, 0.3188,
0.3253

 49.9309, 0.3188,
0.3253


386.3957, 0.3158,
0.3271

 35.3585, 0.3195,
0.3248


 90.0725, 0.3177,
0.3260

 23.9392, 0.3205,
0.3243


116.4105, 0.3173,
0.3262

 15.2885, 0.3217,
0.3235


147.4391, 0.3170,
0.3264

 9.0221, 0.3235,
0.3225

183.5427, 0.3167,
0.3266

 4.7556, 0.3260,
0.3209

225.1058, 0.3164,
0.3268

 2.1046, 0.3302,
0.3184

272.5127, 0.3162,

 0.6672, 0.3420,

0.3269

0.3111

326.1479, 0.3160,
0.3270

0.0000, 0.0000,
0.0000

49.9309, 0.3188,
0.3253

49.9309, 0.3188,
0.3253

41.7629, 0.3327,
0.3177

59.2783, 0.3075,
0.3324

34.7211, 0.3496,
0.3098

69.8428, 0.2983,
0.3389

28.7576, 0.3703,
0.3017

81.6685, 0.2908,
0.3448

23.8188, 0.3952,
0.2940

89.5790, 0.2841,
0.3420

19.8461, 0.4244,
0.2873

90.3441, 0.2778,
0.3289

■ 16.7753, 0.4578,
0.2826

■ 14.5343, 0.4939,
0.2812

■ 13.0395, 0.5301,
0.2840

■ 12.1895, 0.5632,
0.2914

Harmonies

Analogous

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



49.9309, 0.3134, 0.3214



49.9309, 0.3188, 0.3253



49.9309, 0.3225, 0.3302

Triad

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



49.9309, 0.3188, 0.3253



49.9309, 0.3175, 0.3387



49.9309, 0.3019, 0.3231

Complementary

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



49.9309, 0.3188, 0.3253



53.1585, 0.3070, 0.3327

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.



49.9309, 0.3030, 0.3278



49.9309, 0.3188, 0.3253



49.9309, 0.3119, 0.3368

Square

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



49.9309, 0.3188, 0.3253



49.9309, 0.3218, 0.3379



49.9309, 0.3066, 0.3328



49.9309, 0.3037, 0.3202

Rectangle

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



49.9309, 0.3188, 0.3253



49.9309, 0.3236, 0.3333



49.9309, 0.3066, 0.3328



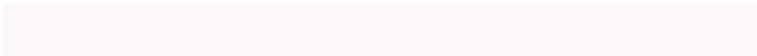
49.9309, 0.3020, 0.3246

Sweetspot

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



49.9331, 0.3188, 0.3253



94.3803, 0.3150, 0.3276



49.8474, 0.3108, 0.3166



20.7040, 0.3149, 0.3276



0.0000, 0.0000, 0.0000



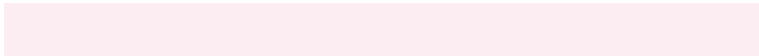
21.4041, 0.3127, 0.3290

Same Dimension

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



49.9331, 0.3188, 0.3253



87.9235, 0.3200, 0.3246



50.6495, 0.3210, 0.3315



10.6431, 0.3206, 0.3243



7.7534, 0.5743, 0.2937



0.3475, 0.5089, 0.2577

Inverse Universe

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



49.9331, 0.3188, 0.3253



87.9235, 0.3200, 0.3246



52.4007, 0.3049, 0.3265



10.6431, 0.3206, 0.3243



7.7534, 0.5743, 0.2937



0.3475, 0.5089, 0.2577

Previews

White Background



This preview shows how the Yxy color 49.9309, 0.3188, 0.3253 looks on a white background.

Color Contrast Check

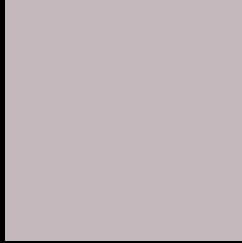
Large Text (above 18pt) WCAG AA × Fail

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 49.9309, 0.3188, 0.3253 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

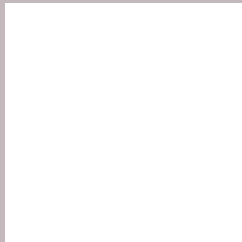
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9309, 0.3188, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 49.9309, 0.3188, 0.3253.

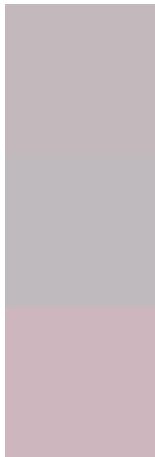


This preview shows how white text looks on a background with the Yxy color 49.9309, 0.3188, 0.3253.

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

49.9309, 0.3188, 0.3253

Protanopia

49.7391, 0.3137, 0.3252

Deuteranopia

50.1092, 0.3268, 0.3205



Tritanopia

49.6800, 0.3119, 0.3106

Trichromacy



Original Color

49.9309, 0.3188, 0.3253

Protanomaly

49.9984, 0.3154, 0.3253

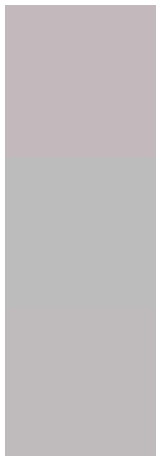
Deuteranomaly

49.9586, 0.3233, 0.3217

Tritanomaly

49.9118, 0.3150, 0.3167

Monochromacy



Original Color

49.9309, 0.3188, 0.3253

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2479, 0.3153, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9309, 0.3188, 0.3253 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, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 188)  
}
```

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, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 188) }
```

Border

The CSS property to change the border of an element to Yxy 49.9309, 0.3188, 0.3253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

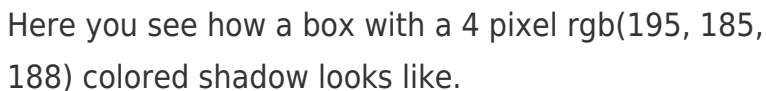
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 185, 188) }
```

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

```
.border{ border-color:rgb(195, 185, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 185, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 185, 188); box-shadow:4px 4px 4px 4px rgb(195, 185, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9309, 0.3188, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 188) }
```

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

```
.background{ background-color: rgb(195,  
185, 188) }
```

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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