

Converting Colors

$Yxy(49.1906, 0.3206, 0.3240)$

Have a look what the booklet for
Yxy(49.1906, 0.3206, 0.3240)
contains.

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Color

Yxy(49.1906, 0.3206, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C4B7BB
RGB	196, 183, 187
RGB Percent	77%, 72%, 73%
CMY	0.2313, 0.2824, 0.2666
CMYK	0.00, 0.07, 0.05, 0.23
HSL	341°, 10%, 74%
HSV	341°, 7%, 77%
XYZ	48.6744, 49.1906, 53.9578
YIQ	187.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

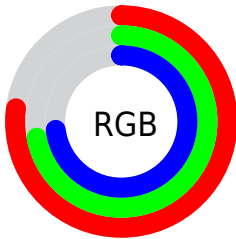
Format	Color
R _Y B	196, 183, 187
Decimal	12892091
CIE Lab	75.57, 5.33, -0.39
CIE LCh	76, 5.345, 355.819
Yxy	49.1906, 0.3206, 0.3240
Android (android.graphics.Color)	4291082171 (0xFFC4B7BB)
YUV	187.3430, -0.1691, 7.5922
Hunter-Lab	70.1360, 1.1410, 3.4815

Details

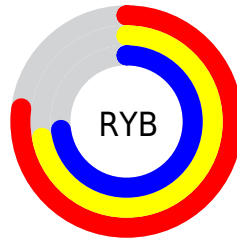
The Yxy color **49.1906, 0.3206, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3618, 0.3054, 0.3341**, and the grayscale version is **49.8993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0867, 0.3195, 0.3251**, and **23.4373, 0.3223, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **41.1091, 0.3347, 0.3161**, and if you desaturate by 10%, it is **58.4571, 0.3091, 0.3314**.

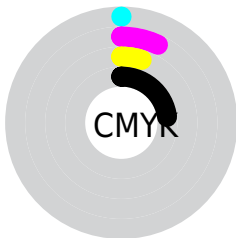
Distribution



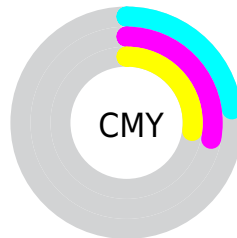
- Red (77%)
- Green (72%)
- Blue (73%)



- Red (77%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (23%)





- Cyan (23%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1906, 0.3206, 0.3240 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 49.1906, 0.3206, 0.3240 by changing the saturation by 10% instead.


 49.1906, 0.3206,
0.3240

 49.1906, 0.3206,
0.3240


383.4922, 0.3167,
0.3265

 34.7707, 0.3216,
0.3234


 88.9745, 0.3192,
0.3249

 23.4863, 0.3228,
0.3226


115.1072, 0.3187,
0.3252

 14.9530, 0.3244,
0.3216


145.9131, 0.3182,
0.3255

 8.7864, 0.3267,
0.3201

181.7764, 0.3178,
0.3258

 4.6021, 0.3300,
0.3180

223.0815, 0.3175,
0.3260

 2.0158, 0.3355,
0.3146

270.2130, 0.3172,

 0.6166, 0.3526,

0.3262

0.3035

323.5551, 0.3169,
0.3263

0.0000, 0.0000,
0.0000

49.1906, 0.3206,
0.3240

49.1906, 0.3206,
0.3240

41.1091, 0.3347,
0.3161

58.4571, 0.3091,
0.3314

34.1585, 0.3519,
0.3078

68.9473, 0.2998,
0.3383

28.2899, 0.3728,
0.2994

80.7060, 0.2921,
0.3446

23.4482, 0.3979,
0.2915

89.6195, 0.2854,
0.3437

19.5737, 0.4273,
0.2848

90.4594, 0.2785,
0.3292

■ 16.6002, 0.4605,
0.2803

■ 90.4787, 0.2784,
0.3289

■ 14.4533, 0.4962,
0.2792

■ 13.0463, 0.5317,
0.2826

■ 12.2657, 0.5638,
0.2905

Harmonies

Analogous

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



49.1906, 0.3135, 0.3190



49.1906, 0.3206, 0.3240



49.1906, 0.3256, 0.3304

Triad

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



49.1906, 0.3206, 0.3240



49.1906, 0.3191, 0.3418



49.1906, 0.2985, 0.3214

Complementary

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



49.1906, 0.3206, 0.3240



53.3618, 0.3054, 0.3341

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.



49.1906, 0.3000, 0.3275



49.1906, 0.3206, 0.3240



49.1906, 0.3118, 0.3394

Square

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



49.1906, 0.3206, 0.3240



49.1906, 0.3247, 0.3407



49.1906, 0.3048, 0.3341



49.1906, 0.3008, 0.3174

Rectangle

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



49.1906, 0.3206, 0.3240



49.1906, 0.3271, 0.3346



49.1906, 0.3048, 0.3341



49.1906, 0.2986, 0.3232

Sweetspot

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



49.1927, 0.3206, 0.3240



96.5643, 0.3150, 0.3275



49.0445, 0.3100, 0.3128



20.7047, 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.



49.1927, 0.3206, 0.3240



86.7937, 0.3225, 0.3229



50.0160, 0.3236, 0.3320



10.1281, 0.3241, 0.3219



7.7687, 0.5702, 0.2915



0.3483, 0.5052, 0.2557

Inverse Universe

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



49.1927, 0.3206, 0.3240



86.7937, 0.3225, 0.3229



52.4740, 0.3026, 0.3260



10.1281, 0.3241, 0.3219



7.7687, 0.5702, 0.2915



0.3483, 0.5052, 0.2557

Previews

White Background



This preview shows how the Yxy color 49.1906, 0.3206, 0.3240 looks on a white background.

Color Contrast Check

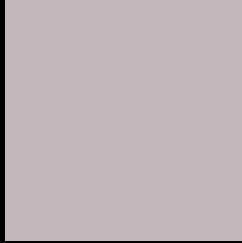
Large Text (above 18pt) WCAG AA × Fail

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 49.1906, 0.3206, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

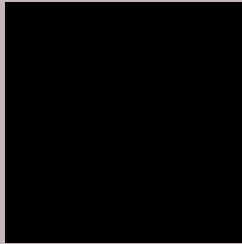
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

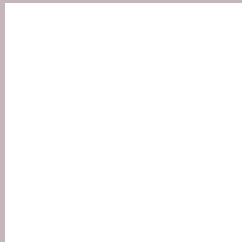
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1906, 0.3206, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 49.1906, 0.3206, 0.3240.



This preview shows how white text looks on a background with the Yxy color 49.1906, 0.3206, 0.3240.

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

49.1906, 0.3206, 0.3240

Protanopia

49.1476, 0.3137, 0.3252

Deuteranopia

48.9699, 0.3261, 0.3193



Tritanopia

49.3117, 0.3144, 0.3118

Trichromacy



Original Color

49.1906, 0.3206, 0.3240

Protanomaly

49.1183, 0.3163, 0.3240

Deuteranomaly

48.9579, 0.3234, 0.3204

Tritanomaly

49.1765, 0.3167, 0.3154

Monochromacy



Original Color

49.1906, 0.3206, 0.3240

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6528, 0.3153, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1906, 0.3206, 0.3240 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, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 183, 187)  
}
```

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, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 183, 187) }
```

Border

The CSS property to change the border of an element to Yxy 49.1906, 0.3206, 0.3240 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, 183, 187) }
```

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

```
.border{ border-color:rgb(196, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 183,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1906, 0.3206, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 183, 187) }
```

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

```
.background{ background-color: rgb(196,  
183, 187) }
```

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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