

Converting Colors

$Y_{xy}(50.3209, 0.3142, 0.3174)$

Have a look what the booklet for
Yxy(50.3209, 0.3142, 0.3174)
contains.

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Color

Yxy(50.3287, 0.3149, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9C2
RGB	196, 185, 194
RGB Percent	77%, 73%, 76%
CMY	0.2313, 0.2745, 0.2392
CMYK	0.00, 0.06, 0.01, 0.23
HSL	311°, 9%, 75%
HSV	311°, 6%, 77%
XYZ	49.8538, 50.3287, 58.1337
YIQ	189.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

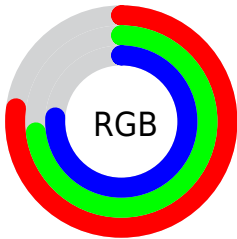
Format	Color
R _Y B	196, 185, 194
Decimal	12892610
CIE Lab	76.27, 5.52, -3.16
CIE LCh	76, 6.358, 330.164
Yxy	50.3287, 0.3149, 0.3179
Android (android.graphics.Color)	4291082690 (0xFFC4B9C2)
YUV	189.3150, 2.3097, 5.8627
Hunter-Lab	70.9427, 1.2880, 1.0750

Details

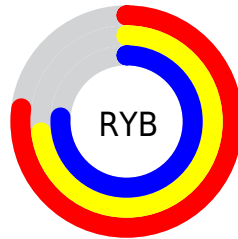
The Yxy color $50.3287, 0.3149, 0.3179$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.3849, 0.3106, 0.3404$, and the grayscale version is $51.0654, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.6954, 0.3151, 0.3203$, and $24.1468, 0.3156, 0.3157$ is the 20% darker color. If you saturate the color by 10%, you get $42.5299, 0.3193, 0.2975$, and if you desaturate by 10%, it is $59.2662, 0.3111, 0.3374$.

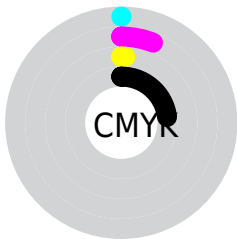
Distribution



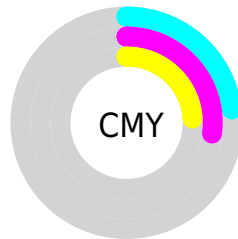
- Red (77%)
- Green (73%)
- Blue (76%)



- Red (77%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (23%)




- Cyan (23%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3287, 0.3149, 0.3179 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 50.3287, 0.3149, 0.3179 by changing the saturation by 10% instead.


 50.3287, 0.3149,
0.3179

 50.3287, 0.3149,
0.3179


387.9500, 0.3138,
0.3233

 35.6746, 0.3152,
0.3166

 90.6617, 0.3145,
0.3199

 24.1830, 0.3155,
0.3149


117.1094, 0.3144,
0.3206

 15.4694, 0.3159,
0.3127


148.2572, 0.3143,
0.3212

 9.1495, 0.3165,
0.3096

184.4893, 0.3142,
0.3218

 4.8388, 0.3173,
0.3052

226.1903, 0.3141,
0.3222

 2.1530, 0.3185,
0.2982

273.7445, 0.3140,

 0.6942, 0.3222,

0.3227

0.2815

327.5362, 0.3139,
0.3230

0.0000, 0.0000,
0.0000

50.3287, 0.3149,
0.3179

50.3287, 0.3149,
0.3179

42.5299, 0.3193,
0.2975

59.2662, 0.3111,
0.3374

35.8172, 0.3242,
0.2767

69.3792, 0.3079,
0.3559

30.1438, 0.3298,
0.2560

80.7110, 0.3052,
0.3730

25.4567, 0.3360,
0.2363

87.8208, 0.3030,
0.3805

21.6983, 0.3426,
0.2184

87.9977, 0.3011,
0.3764

■ 18.8050, 0.3496,
0.2034

■ 88.1784, 0.2991,
0.3724

■ 16.7053, 0.3566,
0.1922

■ 88.3632, 0.2972,
0.3684

■ 15.3162, 0.3635,
0.1854

■ 88.5519, 0.2953,
0.3644

■ 14.5349, 0.3701,
0.1831

■ 88.7446, 0.2934,
0.3604

Harmonies

Analogous

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



50.3287, 0.3062, 0.3145



50.3287, 0.3149, 0.3179



50.3287, 0.3231, 0.3241

Triad

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



50.3287, 0.3149, 0.3179



50.3287, 0.3262, 0.3432



50.3287, 0.2972, 0.3260

Complementary

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



50.3287, 0.3149, 0.3179



53.3849, 0.3106, 0.3404

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.



50.3287, 0.3024, 0.3339



50.3287, 0.3149, 0.3179



50.3287, 0.3191, 0.3439

Square

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



50.3287, 0.3149, 0.3179



50.3287, 0.3296, 0.3387



50.3287, 0.3104, 0.3405



50.3287, 0.2961, 0.3191

Rectangle

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



50.3287, 0.3149, 0.3179



50.3287, 0.3271, 0.3291



50.3287, 0.3104, 0.3405



50.3287, 0.2985, 0.3286

Sweetspot

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



50.3309, 0.3149, 0.3179



96.7298, 0.3135, 0.3250



49.2284, 0.3058, 0.3151



20.7384, 0.3134, 0.3252



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.



50.3309, 0.3149, 0.3179



88.9289, 0.3155, 0.3149



50.0950, 0.3191, 0.3245



10.5406, 0.3157, 0.3141



9.1950, 0.3721, 0.1824



0.4056, 0.3588, 0.1750

Inverse Universe

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



50.3309, 0.3149, 0.3179



88.9289, 0.3155, 0.3149



53.6181, 0.3067, 0.3336



10.5406, 0.3157, 0.3141



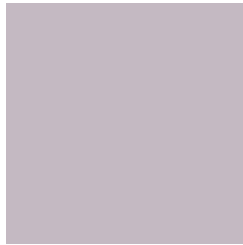
9.1950, 0.3721, 0.1824



0.4056, 0.3588, 0.1750

Previews

White Background



This preview shows how the Yxy color 50.3287, 0.3149, 0.3179 looks on a white background.

Color Contrast Check

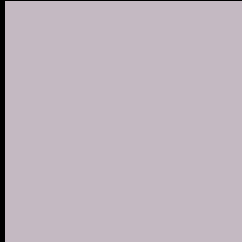
Large Text (above 18pt) WCAG AA × Fail

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 50.3287, 0.3149, 0.3179 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

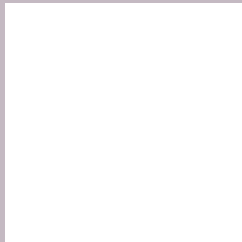
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3287, 0.3149, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 50.3287, 0.3149, 0.3179.



This preview shows how white text looks on a background with the Yxy color 50.3287, 0.3149, 0.3179.

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

50.3287, 0.3149, 0.3179

Protanopia

50.2996, 0.3083, 0.3190

Deuteranopia

50.0925, 0.3202, 0.3133



Tritanopia

50.2748, 0.3119, 0.3107

Trichromacy



Original Color

50.3287, 0.3149, 0.3179

Protanomaly

50.2644, 0.3108, 0.3178

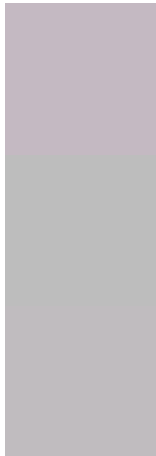
Deuteranomaly

50.0865, 0.3176, 0.3144

Tritanomaly

50.1825, 0.3135, 0.3131

Monochromacy



Original Color

50.3287, 0.3149, 0.3179

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9345, 0.3137, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3287, 0.3149, 0.3179 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, 185, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 194)  
}
```

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, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 194) }
```

Border

The CSS property to change the border of an element to Yxy 50.3287, 0.3149, 0.3179 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, 185, 194) }
```

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

```
.border{ border-color:rgb(196, 185, 194) }
```

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

Here you see how a box with a 4 pixel rgb(196, 185, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3287, 0.3149, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 194) }
```

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

```
.background{ background-color: rgb(196,  
185, 194) }
```

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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