

Converting Colors

$Y_{xy}(50.2701, 0.3151, 0.3187)$

Have a look what the booklet for
Yxy(50.2701, 0.3151, 0.3187)
contains.

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Color

Yxy(50.2839, 0.3157, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9C1
RGB	196, 185, 193
RGB Percent	77%, 73%, 76%
CMY	0.2312, 0.2745, 0.2430
CMYK	0.00, 0.06, 0.02, 0.23
HSL	316°, 9%, 75%
HSV	316°, 6%, 77%
XYZ	49.7481, 50.2839, 57.5484
YIQ	189.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

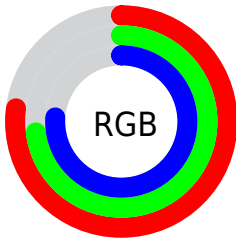
Format	Color
R _Y B	196, 185, 193
Decimal	12892609
CIE Lab	76.24, 5.35, -2.66
CIE LCh	76, 5.975, 333.522
Yxy	50.2839, 0.3157, 0.3191
Android (android.graphics.Color)	4291082689 (0xFFC4B9C1)
YUV	189.2010, 1.8729, 5.9627
Hunter-Lab	70.9111, 1.1332, 1.5206

Details

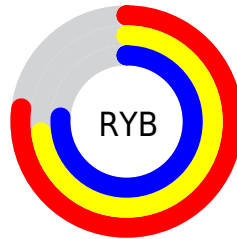
The Yxy color `50.2839, 0.3157, 0.3191` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `53.4403, 0.3099, 0.3391`, and the grayscale version is `51.0013, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.6328, 0.3157, 0.3213`, and `24.1468, 0.3156, 0.3157` is the 20% darker color. If you saturate the color by 10%, you get `42.4077, 0.3217, 0.3009`, and if you desaturate by 10%, it is `59.3039, 0.3106, 0.3365`.

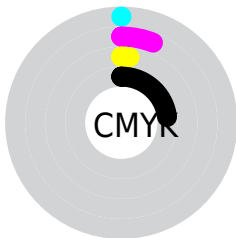
Distribution



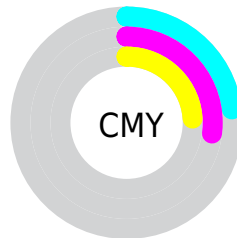
- Red (77%)
- Green (73%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (23%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2839, 0.3157, 0.3191 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 50.2839, 0.3157, 0.3191 by changing the saturation by 10% instead.


 50.2839, 0.3157,
0.3191

 50.2839, 0.3157,
0.3191


387.7751, 0.3142,
0.3240

 35.6390, 0.3161,
0.3179


 90.5954, 0.3152,
0.3208

 24.1555, 0.3165,
0.3164


117.0308, 0.3150,
0.3215

 15.4490, 0.3171,
0.3144


148.1651, 0.3148,
0.3221

 9.1351, 0.3179,
0.3117

184.3828, 0.3147,
0.3226

 4.8294, 0.3190,
0.3077

226.0683, 0.3145,
0.3230

 2.1475, 0.3209,
0.3014

273.6059, 0.3144,

 0.6912, 0.3258,

0.3233

0.2859

327.3800, 0.3143,
0.3237

0.0000, 0.0000,
0.0000

50.2839, 0.3157,
0.3191

50.2839, 0.3157,
0.3191

42.4077, 0.3217,
0.3009

59.3039, 0.3106,
0.3365

35.6227, 0.3287,
0.2822

69.5047, 0.3063,
0.3527

29.8819, 0.3368,
0.2635

80.9296, 0.3027,
0.3679

25.1323, 0.3458,
0.2455

88.1369, 0.2996,
0.3734

21.3162, 0.3558,
0.2292

88.4154, 0.2967,
0.3673

■ 18.3698, 0.3666,
0.2156

■ 88.7029, 0.2939,
0.3614

■ 16.2217, 0.3778,
0.2058

■ 88.9996, 0.2910,
0.3554

■ 14.7885, 0.3891,
0.2004

■ 89.3056, 0.2882,
0.3495

■ 13.9673, 0.4001,
0.1998

■ 89.6208, 0.2854,
0.3437

Harmonies

Analogous

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



50.2839, 0.3075, 0.3156



50.2839, 0.3157, 0.3191



50.2839, 0.3232, 0.3252

Triad

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



50.2839, 0.3157, 0.3191



50.2839, 0.3247, 0.3426



50.2839, 0.2978, 0.3254

Complementary

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



50.2839, 0.3157, 0.3191



53.4403, 0.3099, 0.3391

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.



50.2839, 0.3023, 0.3328



50.2839, 0.3157, 0.3191



50.2839, 0.3178, 0.3429

Square

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



50.2839, 0.3157, 0.3191



50.2839, 0.3285, 0.3387



50.2839, 0.3096, 0.3393



50.2839, 0.2972, 0.3191

Rectangle

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



50.2839, 0.3157, 0.3191



50.2839, 0.3267, 0.3299



50.2839, 0.3096, 0.3393



50.2839, 0.2989, 0.3278

Sweetspot

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



50.2861, 0.3157, 0.3191



96.6998, 0.3138, 0.3255



49.3647, 0.3067, 0.3151



20.7323, 0.3137, 0.3256



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.



50.2861, 0.3157, 0.3191



88.8256, 0.3165, 0.3165



50.0471, 0.3200, 0.3258



10.5276, 0.3167, 0.3158



8.8209, 0.4035, 0.1996



0.3922, 0.3811, 0.1873

Inverse Universe

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



50.2861, 0.3157, 0.3191



88.8256, 0.3165, 0.3165



53.6800, 0.3059, 0.3322



10.5276, 0.3167, 0.3158



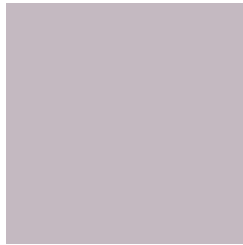
8.8209, 0.4035, 0.1996



0.3922, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 50.2839, 0.3157, 0.3191 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 50.2839, 0.3157, 0.3191 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

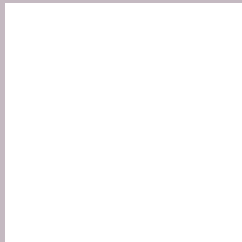
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2839, 0.3157, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 50.2839, 0.3157, 0.3191.



This preview shows how white text looks on a background with the Yxy color 50.2839, 0.3157, 0.3191.

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

50.2839, 0.3157, 0.3191

Protanopia

50.3828, 0.3098, 0.3203

Deuteranopia

50.1883, 0.3219, 0.3145



Tritanopia

50.2748, 0.3119, 0.3107

Trichromacy



Original Color

50.2839, 0.3157, 0.3191

Protanomaly

50.2193, 0.3115, 0.3191

Deuteranomaly

50.1795, 0.3193, 0.3156

Tritanomaly

50.1825, 0.3135, 0.3131

Monochromacy



Original Color

50.2839, 0.3157, 0.3191

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8906, 0.3145, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2839, 0.3157, 0.3191 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 193) }
```

Border

The CSS property to change the border of an element to Yxy 50.2839, 0.3157, 0.3191 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, 193) }
```

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

```
.border{ border-color:rgb(196, 185, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2839, 0.3157, 0.3191 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, 193) }
```

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

```
.background{ background-color: rgb(196,  
185, 193) }
```

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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