

Converting Colors

$Yxy(50.3602, 0.3122, 0.3101)$

Have a look what the booklet for
Yxy(50.3602, 0.3122, 0.3101)
contains.

Yxy(50.4103, 0.3127, 0.3107)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.4103, 0.3127, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	C6B8C7
RGB	198, 184, 199
RGB Percent	78%, 72%, 78%
CMY	0.2236, 0.2784, 0.2195
CMYK	0.01, 0.08, 0.00, 0.22
HSL	296°, 12%, 75%
HSV	296°, 8%, 78%
XYZ	50.7348, 50.4103, 61.1024
YIQ	189.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

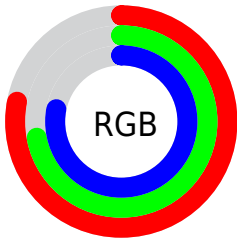
Format	Color
R _Y B	198, 184, 199
Decimal	13023431
CIE Lab	76.32, 7.66, -5.79
CIE LCh	76, 9.606, 322.906
Yxy	50.4103, 0.3127, 0.3107
Android (android.graphics.Color)	4291213511 (0xFFC6B8C7)
YUV	189.8960, 4.4883, 7.1072
Hunter-Lab	71.0002, 3.3008, -1.3245

Details

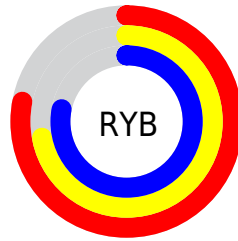
The Yxy color $50.4103, 0.3127, 0.3107$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.6405, 0.3127, 0.3479$, and the grayscale version is $51.4018, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $24.2062, 0.3127, 0.3061$ is the 20% darker color. If you saturate the color by 10%, you get $42.5287, 0.3125, 0.2857$, and if you desaturate by 10%, it is $59.4613, 0.3127, 0.3348$.

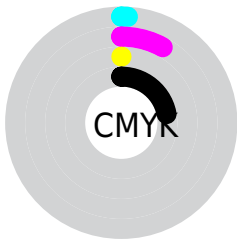
Distribution



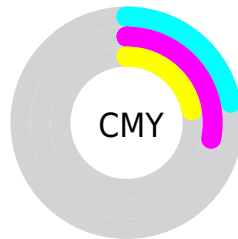
- Red (78%)
- Green (72%)
- Blue (78%)



- Red (78%)
- Yellow (72%)
- Blue (78%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4103, 0.3127, 0.3107 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 50.4103, 0.3127, 0.3107 by changing the saturation by 10% instead.


 50.4103, 0.3127,
0.3107

 50.4103, 0.3127,
0.3107


388.2683, 0.3128,
0.3196

 35.7395, 0.3127,
0.3085


 90.7825, 0.3127,
0.3139

 24.2331, 0.3126,
0.3058


117.2527, 0.3127,
0.3151

 15.5066, 0.3125,
0.3022


148.4248, 0.3128,
0.3161

 9.1757, 0.3124,
0.2973

184.6833, 0.3128,
0.3170

 4.8560, 0.3122,
0.2903

226.4125, 0.3128,
0.3178

 2.1630, 0.3117,
0.2792


273.9968, 0.3128,


 0.6997, 0.3118,


0.3185


0.2560


327.8206, 0.3128,
0.3191


 0.0000, 0.0000,
0.0000

 50.4103, 0.3127,
0.3107


 50.4103, 0.3127,
0.3107


 42.5287, 0.3125,
0.2857

 59.4613, 0.3127,
0.3348


 35.7616, 0.3122,
0.2604


 69.7206, 0.3126,
0.3576


 30.0595, 0.3116,
0.2356

 81.2334, 0.3124,
0.3789

 25.3667, 0.3108,
0.2123

 88.4166, 0.3126,
0.3901

 21.6222, 0.3098,
0.1913

 88.6134, 0.3135,
0.3900

■ 18.7588, 0.3086,
0.1737

■ 88.8119, 0.3143,
0.3898

■ 16.7001, 0.3071,
0.1601

■ 89.0122, 0.3152,
0.3896

■ 15.3569, 0.3055,
0.1508

■ 89.2143, 0.3160,
0.3895

■ 14.6023, 0.3038,
0.1455

■ 89.4182, 0.3169,
0.3893

Harmonies

Analogous

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



50.4103, 0.3000, 0.3069



50.4103, 0.3127, 0.3107



50.4103, 0.3256, 0.3191

Triad

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



50.4103, 0.3127, 0.3107



50.4103, 0.3349, 0.3492



50.4103, 0.2907, 0.3272

Complementary

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



50.4103, 0.3127, 0.3107



54.6405, 0.3127, 0.3479

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.



50.4103, 0.2997, 0.3392



50.4103, 0.3127, 0.3107



50.4103, 0.3252, 0.3520

Square

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



50.4103, 0.3127, 0.3107



50.4103, 0.3386, 0.3411



50.4103, 0.3123, 0.3483



50.4103, 0.2875, 0.3161

Rectangle

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



50.4103, 0.3127, 0.3107



50.4103, 0.3326, 0.3263



50.4103, 0.3123, 0.3483



50.4103, 0.2932, 0.3313

Sweetspot

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



50.4125, 0.3127, 0.3107



96.7216, 0.3127, 0.3241



49.1240, 0.3012, 0.3116



20.7367, 0.3127, 0.3244



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.



50.4125, 0.3127, 0.3107



85.9185, 0.3127, 0.3068



50.2708, 0.3185, 0.3183



10.7775, 0.3127, 0.3062



9.3074, 0.3036, 0.1446



0.4523, 0.3074, 0.1467

Inverse Universe

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



49.9362, 0.3247, 0.3277



84.9220, 0.3274, 0.3275



54.7786, 0.3073, 0.3400



10.6488, 0.3279, 0.3274



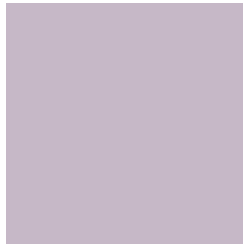
7.8328, 0.6316, 0.3253



0.3752, 0.6032, 0.3097

Previews

White Background



This preview shows how the Yxy color 50.4103, 0.3127, 0.3107 looks on a white background.

Color Contrast Check

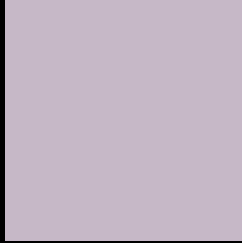
Large Text (above 18pt) WCAG AA × Fail

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 50.4103, 0.3127, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

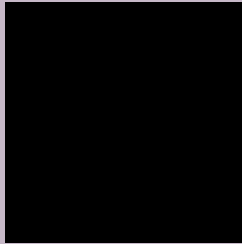
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4103, 0.3127, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 50.4103, 0.3127, 0.3107.



This preview shows how white text looks on a background with the Yxy color 50.4103, 0.3127, 0.3107.

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

50.4103, 0.3127, 0.3107

Protanopia

50.4491, 0.3030, 0.3116

Deuteranopia

50.5471, 0.3161, 0.3097



Tritanopia

50.4103, 0.3127, 0.3107

Trichromacy



Original Color

50.4103, 0.3127, 0.3107

Protanomaly

50.4944, 0.3070, 0.3117

Deuteranomaly

50.4080, 0.3153, 0.3096

Tritanomaly

50.4103, 0.3127, 0.3107

Monochromacy



Original Color

50.4103, 0.3127, 0.3107

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1542, 0.3130, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4103, 0.3127, 0.3107 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(198, 184, 199)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 199)  
}
```

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(198, 184, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 199) }
```

Border

The CSS property to change the border of an element to Yxy 50.4103, 0.3127, 0.3107 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(198, 184, 199) }
```

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

```
.border{ border-color:rgb(198, 184, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4103, 0.3127, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 199) }
```

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

```
.background{ background-color: rgb(198,  
184, 199) }
```

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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