

Converting Colors

$Y_{xy}(49.2156, 0.3118, 0.3120)$

Have a look what the booklet for
Yxy(49.2156, 0.3118, 0.3120)
contains.

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Color

Yxy(49.3218, 0.3118, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	C2B7C4
RGB	194, 183, 196
RGB Percent	76%, 72%, 77%
CMY	0.2392, 0.2824, 0.2313
CMYK	0.01, 0.07, 0.00, 0.23
HSL	291°, 10%, 74%
HSV	291°, 7%, 77%
XYZ	49.1484, 49.3218, 59.1578
YIQ	187.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

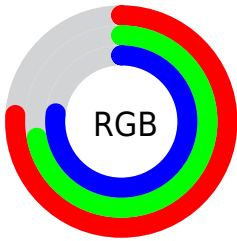
Format	Color
RYB	194, 183, 196
Decimal	12761028
CIELab	75.65, 6.27, -5.18
CIELCh	76, 8.136, 320.468
Yxy	49.3218, 0.3118, 0.3129
Android (android.graphics.Color)	4290951108 (0xFFC2B7C4)
YUV	187.7710, 4.0569, 5.4628
Hunter-Lab	70.2295, 2.0173, -0.7823

Details

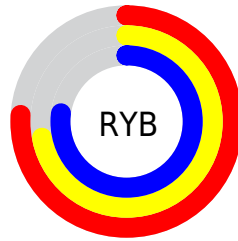
The Yxy color $49.3218, 0.3118, 0.3129$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.2154, 0.3135, 0.3455$, and the grayscale version is $50.1304, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.1488, 0.3114, 0.3154$, and $23.4937, 0.3114, 0.3089$ is the 20% darker color. If you saturate the color by 10%, you get $41.3999, 0.3101, 0.2877$, and if you desaturate by 10%, it is $58.3819, 0.3131, 0.3369$.

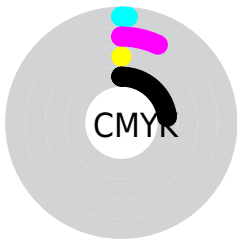
Distribution



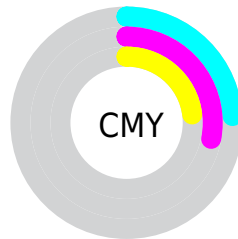
- Red (76%)
- Green (72%)
- Blue (77%)



- Red (76%)
- Yellow (72%)
- Blue (77%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3218, 0.3118, 0.3129 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 49.3218, 0.3118, 0.3129 by changing the saturation by 10% instead.

 49.3218, 0.3118,
0.3129

 49.3218, 0.3118,
0.3129


384.0078, 0.3123,
0.3208

 34.8748, 0.3117,
0.3110


 89.1692, 0.3120,
0.3157

 23.5665, 0.3115,
0.3085


115.3384, 0.3121,
0.3168

 15.0123, 0.3112,
0.3053


146.1839, 0.3121,
0.3177

 8.8280, 0.3109,
0.3009

182.0899, 0.3122,
0.3185

 4.6292, 0.3103,
0.2945

223.4409, 0.3122,
0.3192

 2.0314, 0.3093,
0.2843

270.6213, 0.3122,

 0.6256, 0.3092,

0.3198

0.2586

324.0155, 0.3123,
0.3203

0.0000, 0.0000,
0.0000

49.3218, 0.3118,
0.3129

49.3218, 0.3118,
0.3129

41.3999, 0.3101,
0.2877

58.3819, 0.3131,
0.3369

34.5637, 0.3080,
0.2619

68.6175, 0.3141,
0.3595

28.7656, 0.3055,
0.2362

80.0721, 0.3148,
0.3803

23.9523, 0.3025,
0.2115

88.6316, 0.3158,
0.3932

20.0657, 0.2992,
0.1888

89.0656, 0.3177,
0.3928

■ 17.0415, 0.2955,
0.1691

■ 89.5079, 0.3196,
0.3925

■ 14.8071, 0.2916,
0.1533

■ 89.9585, 0.3215,
0.3921

■ 13.2780, 0.2876,
0.1419

■ 90.4175, 0.3234,
0.3917

■ 12.3428, 0.2836,
0.1348

■ 90.8848, 0.3254,
0.3914

Harmonies

Analogous

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



49.3218, 0.3011, 0.3101



49.3218, 0.3118, 0.3129



49.3218, 0.3229, 0.3198

Triad

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



49.3218, 0.3118, 0.3129



49.3218, 0.3321, 0.3458



49.3218, 0.2944, 0.3284

Complementary

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



49.3218, 0.3118, 0.3129



53.2154, 0.3135, 0.3455

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.



49.3218, 0.3025, 0.3384



49.3218, 0.3118, 0.3129



49.3218, 0.3242, 0.3486

Square

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



49.3218, 0.3118, 0.3129



49.3218, 0.3347, 0.3387



49.3218, 0.3133, 0.3459



49.3218, 0.2912, 0.3187

Rectangle

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



49.3218, 0.3118, 0.3129



49.3218, 0.3290, 0.3260



49.3218, 0.3133, 0.3459



49.3218, 0.2966, 0.3318

Sweetspot

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



49.3239, 0.3118, 0.3129



96.6412, 0.3125, 0.3241



48.8212, 0.3027, 0.3152



20.7204, 0.3125, 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.



49.3239, 0.3118, 0.3129



87.0799, 0.3116, 0.3092



49.3948, 0.3169, 0.3183



10.1668, 0.3114, 0.3061



7.7981, 0.2829, 0.1332



0.3585, 0.2919, 0.1382

Inverse Universe

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



49.1061, 0.3222, 0.3265



86.6048, 0.3245, 0.3260



53.1526, 0.3088, 0.3400



10.1025, 0.3265, 0.3255



7.6093, 0.6167, 0.3171



0.3369, 0.5626, 0.2873

Previews

White Background



This preview shows how the Yxy color 49.3218, 0.3118, 0.3129 looks on a white background.

Color Contrast Check

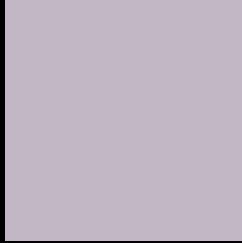
Large Text (above 18pt) WCAG AA × Fail

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 49.3218, 0.3118, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

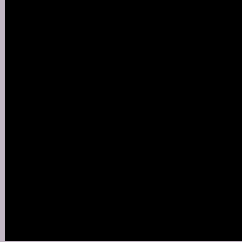
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3218, 0.3118, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 49.3218, 0.3118, 0.3129.



This preview shows how white text looks on a background with the Yxy color 49.3218, 0.3118, 0.3129.

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

49.3218, 0.3118, 0.3129

Protanopia

49.2939, 0.3052, 0.3139

Deuteranopia

49.3126, 0.3170, 0.3107



Tritanopia

49.3675, 0.3110, 0.3117

Trichromacy



Original Color

49.3218, 0.3118, 0.3129

Protanomaly

49.2593, 0.3077, 0.3128

Deuteranomaly

49.4472, 0.3152, 0.3118

Tritanomaly

49.3675, 0.3110, 0.3117

Monochromacy



Original Color

49.3218, 0.3118, 0.3129

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.8265, 0.3122, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3218, 0.3118, 0.3129 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(194, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 196)  
}
```

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(194, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 196) }
```

Border

The CSS property to change the border of an element to Yxy 49.3218, 0.3118, 0.3129 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(194, 183, 196) }
```

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

```
.border{ border-color:rgb(194, 183, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3218, 0.3118, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 196) }
```

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

```
.background{ background-color: rgb(194,  
183, 196) }
```

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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