

Converting Colors

$Yxy(49.3499, 0.3111, 0.3180)$

Have a look what the booklet for
Yxy(49.3499, 0.3111, 0.3180)
contains.

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Color

Yxy(49.2076, 0.3116, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	BFB8C1
RGB	191, 184, 193
RGB Percent	75%, 72%, 76%
CMY	0.2508, 0.2785, 0.2431
CMYK	0.01, 0.05, 0.00, 0.24
HSL	287°, 7%, 74%
HSV	287°, 5%, 76%
XYZ	48.2628, 49.2076, 57.4166
YIQ	187.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

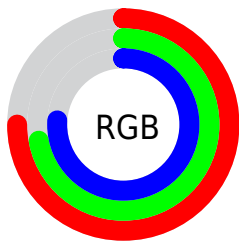
Format	Color
RYB	191, 184, 193
Decimal	12564673
CIELab	75.58, 4.15, -3.68
CIElCh	76, 5.553, 318.441
Yxy	49.2076, 0.3116, 0.3177
Android (android.graphics.Color)	4290754753 (0xFFBFB8C1)
YUV	187.1190, 2.8993, 3.4036
Hunter-Lab	70.1481, 0.0510, 0.5745

Details

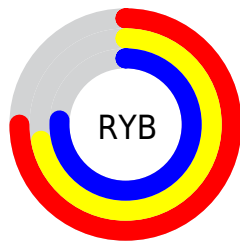
The Yxy color $49.2076, 0.3116, 0.3177$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.0419, 0.3138, 0.3404$, and the grayscale version is $49.7525, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.9339, 0.3118, 0.3202$, and $23.5293, 0.3112, 0.3138$ is the 20% darker color. If you saturate the color by 10%, you get $41.1932, 0.3088, 0.2926$, and if you desaturate by 10%, it is $58.3360, 0.3139, 0.3414$.

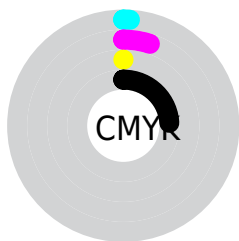
Distribution



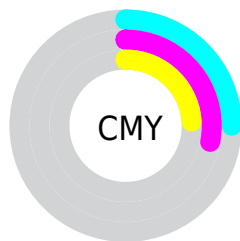
- Red (75%)
- Green (72%)
- Blue (76%)



- Red (75%)
- Yellow (72%)
- Blue (76%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2076, 0.3116, 0.3177 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 49.2076, 0.3116, 0.3177 by changing the saturation by 10% instead.

■ 49.2076, 0.3116,
0.3177

■ 49.2076, 0.3116,
0.3177

383.5590, 0.3122,
0.3233

■ 34.7842, 0.3115,
0.3163

■ 88.9997, 0.3118,
0.3197

■ 23.4967, 0.3113,
0.3146

115.1372, 0.3119,
0.3205

■ 14.9607, 0.3110,
0.3123

145.9482, 0.3120,
0.3211

■ 8.7918, 0.3106,
0.3092

181.8170, 0.3120,
0.3217

■ 4.6056, 0.3101,
0.3045

223.1281, 0.3121,
0.3221

■ 2.0178, 0.3091,
0.2972

270.2659, 0.3121,

■ 0.6178, 0.3079,

0.3226

0.2762

323.6147, 0.3121,
0.3229

0.0000, 0.0000,
0.0000

49.2076, 0.3116,
0.3177

49.2076, 0.3116,
0.3177

41.1932, 0.3088,
0.2926

58.3360, 0.3139,
0.3414

34.2424, 0.3055,
0.2665

68.6136, 0.3156,
0.3635

28.3100, 0.3015,
0.2401

80.0821, 0.3170,
0.3838

23.3454, 0.2970,
0.2142

88.7628, 0.3186,
0.3963

19.2936, 0.2920,
0.1899

89.3800, 0.3213,
0.3958

■ 16.0937, 0.2865,
0.1683

■ 90.0136, 0.3240,
0.3952

■ 13.6778, 0.2808,
0.1503

■ 90.6636, 0.3267,
0.3947

■ 11.9669, 0.2749,
0.1367

■ 91.3301, 0.3294,
0.3941

■ 10.8657, 0.2692,
0.1276

■ 92.0132, 0.3322,
0.3935

Harmonies

Analogous

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



49.2076, 0.3044, 0.3160



49.2076, 0.3116, 0.3177



49.2076, 0.3192, 0.3223

Triad

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



49.2076, 0.3116, 0.3177



49.2076, 0.3262, 0.3403



49.2076, 0.3005, 0.3291

Complementary

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



49.2076, 0.3116, 0.3177



52.0419, 0.3138, 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.



49.2076, 0.3062, 0.3358



49.2076, 0.3116, 0.3177



49.2076, 0.3210, 0.3423

Square

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



49.2076, 0.3116, 0.3177



49.2076, 0.3277, 0.3353



49.2076, 0.3137, 0.3407



49.2076, 0.2980, 0.3225

Rectangle

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



49.2076, 0.3116, 0.3177



49.2076, 0.3235, 0.3265



49.2076, 0.3137, 0.3407



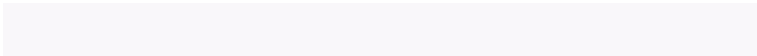
49.2076, 0.3021, 0.3314

Sweetspot

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



49.2097, 0.3116, 0.3177



93.8680, 0.3125, 0.3266



49.1975, 0.3057, 0.3202



20.1555, 0.3125, 0.3267



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.2097, 0.3116, 0.3177



85.9662, 0.3112, 0.3142



49.3600, 0.3151, 0.3207



10.6488, 0.3111, 0.3131



6.9695, 0.2669, 0.1244



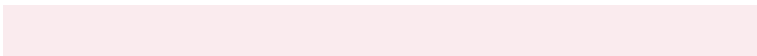
0.3293, 0.2796, 0.1314

Inverse Universe

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



49.1589, 0.3188, 0.3265



85.8516, 0.3208, 0.3258



51.8990, 0.3104, 0.3374



10.6336, 0.3214, 0.3255



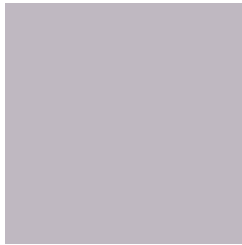
7.6621, 0.6002, 0.3080



0.3416, 0.5368, 0.2731

Previews

White Background



This preview shows how the Yxy color 49.2076, 0.3116, 0.3177 looks on a white background.

Color Contrast Check

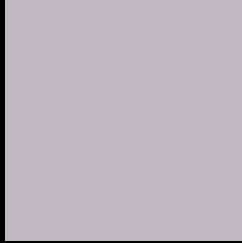
Large Text (above 18pt) WCAG AA × Fail

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 49.2076, 0.3116, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

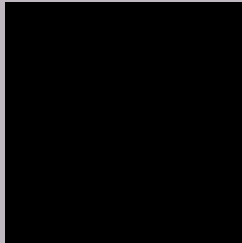
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

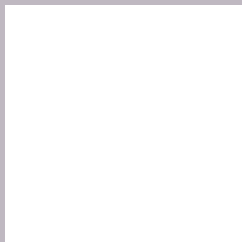
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.2076, 0.3116, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 49.2076, 0.3116, 0.3177.



This preview shows how white text looks on a background with the Yxy color 49.2076, 0.3116, 0.3177.

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

49.2076, 0.3116, 0.3177

Protanopia

49.1578, 0.3074, 0.3176

Deuteranopia

49.3603, 0.3194, 0.3132



Tritanopia

49.1507, 0.3086, 0.3104

Trichromacy



Original Color

49.2076, 0.3116, 0.3177

Protanomaly

49.2843, 0.3083, 0.3177

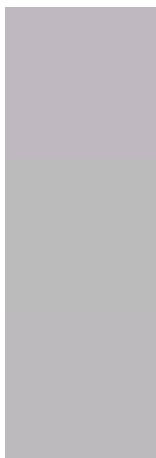
Deuteranomaly

49.2213, 0.3159, 0.3142

Tritanomaly

49.0590, 0.3101, 0.3128

Monochromacy



Original Color

49.2076, 0.3116, 0.3177

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4833, 0.3121, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2076, 0.3116, 0.3177 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(191, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 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(191, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 193) }
```

Border

The CSS property to change the border of an element to Yxy 49.2076, 0.3116, 0.3177 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(191, 184, 193) }
```

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

```
.border{ border-color:rgb(191, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2076, 0.3116, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 193) }
```

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

```
.background{ background-color: rgb(191,  
184, 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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