

Converting Colors

$Yxy(48.7241, 0.3103, 0.3108)$

Have a look what the booklet for
Yxy(48.7241, 0.3103, 0.3108)
contains.

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Color

Yxy(48.8246, 0.3102, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	C1B6C5
RGB	193, 182, 197
RGB Percent	76%, 71%, 77%
CMY	0.2432, 0.2862, 0.2274
CMYK	0.02, 0.08, 0.00, 0.23
HSL	284°, 11%, 74%
HSV	284°, 8%, 77%
XYZ	48.7931, 48.8246, 59.6780
YIQ	186.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

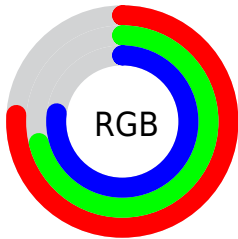
Format	Color
R_{YB}	193, 182, 197
Decimal	12695237
CIE Lab	75.34, 6.64, -6.19
CIE LCh	75, 9.075, 317.006
Yxy	48.8246, 0.3102, 0.3104
Android (android.graphics.Color)	4290885317 (0xFFC1B6C5)
YUV	186.9990, 4.9305, 5.2629
Hunter-Lab	69.8746, 2.3652, -1.7258

Details

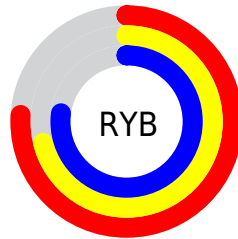
The Yxy color `48.8246, 0.3102, 0.3104` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `53.7577, 0.3150, 0.3479`, and the grayscale version is `49.6638, 0.3127, 0.3290`.

A 20% lighter version of the original color is `88.4446, 0.3102, 0.3134`, and `23.1727, 0.3092, 0.3055` is the 20% darker color. If you saturate the color by 10%, you get `40.6324, 0.3063, 0.2847`, and if you desaturate by 10%, it is `58.1812, 0.3134, 0.3346`.

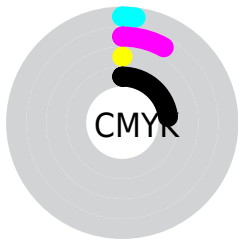
Distribution



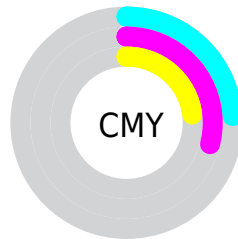
- Red (76%)
- Green (71%)
- Blue (77%)



- Red (76%)
- Yellow (71%)
- Blue (77%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8246, 0.3102, 0.3104 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 48.8246, 0.3102, 0.3104 by changing the saturation by 10% instead.


 48.8246, 0.3102,
0.3104

 48.8246, 0.3102,
0.3104

382.0514, 0.3115,
0.3195

 34.4804, 0.3099,
0.3082

 88.4309, 0.3107,
0.3137

 23.2629, 0.3094,
0.3054


114.4617, 0.3109,
0.3149

 14.7877, 0.3088,
0.3016


145.1569, 0.3110,
0.3160

 8.6705, 0.3080,
0.2966

180.9008, 0.3111,
0.3169

 4.5269, 0.3067,
0.2891

222.0778, 0.3112,
0.3177

 1.9725, 0.3045,
0.2774

269.0723, 0.3113,

 0.5914, 0.3022,

0.3184

0.2468

322.2687, 0.3114,
0.3190

0.0000, 0.0000,
0.0000

48.8246, 0.3102,
0.3104

48.8246, 0.3102,
0.3104

40.6324, 0.3063,
0.2847

58.1812, 0.3134,
0.3346

33.5508, 0.3017,
0.2581

68.7404, 0.3161,
0.3572

27.5313, 0.2964,
0.2311

80.5467, 0.3182,
0.3778

22.5191, 0.2903,
0.2049

89.8733, 0.3204,
0.3911

18.4548, 0.2837,
0.1803

90.6846, 0.3238,
0.3905

■ 15.2721, 0.2766,
0.1586

■ 91.5221, 0.3272,
0.3898

■ 12.8964, 0.2694,
0.1408

■ 92.3860, 0.3306,
0.3892

■ 11.2405, 0.2621,
0.1276

■ 93.2765, 0.3341,
0.3885

■ 10.1785, 0.2551,
0.1188

■ 94.1940, 0.3376,
0.3878

Harmonies

Analogous

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



48.8246, 0.2985, 0.3078



48.8246, 0.3102, 0.3104



48.8246, 0.3228, 0.3177

Triad

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



48.8246, 0.3102, 0.3104



48.8246, 0.3351, 0.3471



48.8246, 0.2930, 0.3296

Complementary

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



48.8246, 0.3102, 0.3104



53.7577, 0.3150, 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.



48.8246, 0.3025, 0.3407



48.8246, 0.3102, 0.3104



48.8246, 0.3268, 0.3509

Square

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



48.8246, 0.3102, 0.3104



48.8246, 0.3373, 0.3387



48.8246, 0.3149, 0.3486



48.8246, 0.2888, 0.3186

Rectangle

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



48.8246, 0.3102, 0.3104



48.8246, 0.3299, 0.3243



48.8246, 0.3149, 0.3486



48.8246, 0.2957, 0.3335

Sweetspot

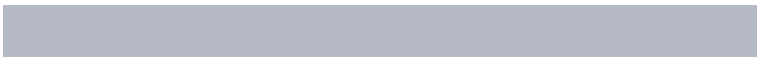
The Sweet Spot groups the original color and five complimentary colors.



48.8267, 0.3102, 0.3104



96.5298, 0.3121, 0.3241



49.2061, 0.3011, 0.3153



20.6977, 0.3121, 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.



48.8267, 0.3102, 0.3104



85.0692, 0.3096, 0.3066



49.2166, 0.3161, 0.3145



10.6676, 0.3096, 0.3059



6.5945, 0.2543, 0.1175



0.3464, 0.2688, 0.1254

Inverse Universe

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



48.8796, 0.3223, 0.3240



85.1876, 0.3245, 0.3230



53.3954, 0.3095, 0.3439



10.6830, 0.3248, 0.3228



7.9888, 0.5846, 0.2994



0.3907, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 48.8246, 0.3102, 0.3104 looks on a white background.

Color Contrast Check

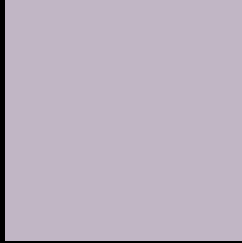
Large Text (above 18pt) WCAG AA × Fail

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 48.8246, 0.3102, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

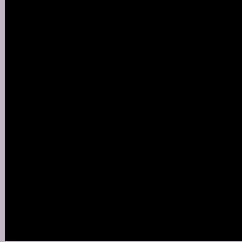
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8246, 0.3102, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 48.8246, 0.3102, 0.3104.

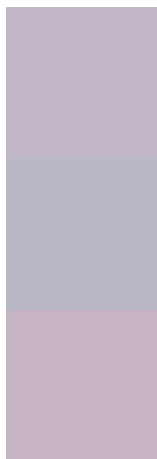


This preview shows how white text looks on a background with the Yxy color 48.8246, 0.3102, 0.3104.

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

48.8246, 0.3102, 0.3104

Protanopia

48.6725, 0.3028, 0.3113

Deuteranopia

48.6795, 0.3145, 0.3082



Tritanopia

48.7789, 0.3110, 0.3116

Trichromacy



Original Color

48.8246, 0.3102, 0.3104

Protanomaly

48.6356, 0.3053, 0.3102

Deuteranomaly

48.8147, 0.3128, 0.3093

Tritanomaly

48.7789, 0.3110, 0.3116

Monochromacy



Original Color

48.8246, 0.3102, 0.3104

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2783, 0.3114, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8246, 0.3102, 0.3104 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(193, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 182, 197)  
}
```

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(193, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 182, 197) }
```

Border

The CSS property to change the border of an element to Yxy 48.8246, 0.3102, 0.3104 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(193, 182, 197) }
```

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

```
.border{ border-color:rgb(193, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 182, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 182, 197);  
box-shadow:4px 4px 4px 4px rgb(193, 182,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8246, 0.3102, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 182, 197) }
```

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

```
.background{ background-color: rgb(193,  
182, 197) }
```

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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