

Converting Colors

$Yxy(48.9685, 0.3117, 0.3153)$

Have a look what the booklet for
Yxy(48.9685, 0.3117, 0.3153)
contains.

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Color

Yxy(48.9685, 0.3117, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	C0B7C2
RGB	192, 183, 194
RGB Percent	75%, 72%, 76%
CMY	0.2470, 0.2823, 0.2393
CMYK	0.01, 0.06, 0.00, 0.24
HSL	289°, 8%, 74%
HSV	289°, 6%, 76%
XYZ	48.4094, 48.9685, 57.9298
YIQ	186.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

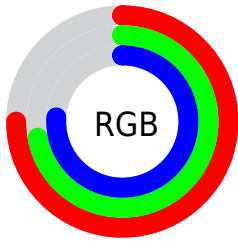
Format	Color
R _Y B	192, 183, 194
Decimal	12629954
CIE Lab	75.43, 5.20, -4.42
CIE LCh	75, 6.823, 319.631
Yxy	48.9685, 0.3117, 0.3153
Android (android.graphics.Color)	4290820034 (0xFFC0B7C2)
YUV	186.9450, 3.4781, 4.4332
Hunter-Lab	69.9775, 1.0230, -0.0980

Details

The Yxy color **48.9685, 0.3117, 0.3153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3076, 0.3136, 0.3429**, and the grayscale version is **49.6419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5916, 0.3119, 0.3182**, and **23.3477, 0.3124, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **41.0617, 0.3096, 0.2902**, and if you desaturate by 10%, it is **57.9932, 0.3134, 0.3392**.

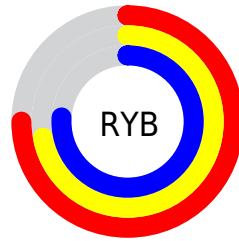
Distribution



Red (75%)

Green (72%)

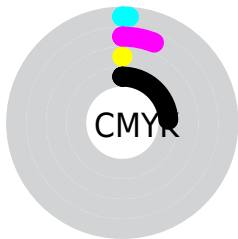
Blue (76%)



Red (75%)

Yellow (72%)

Blue (76%)

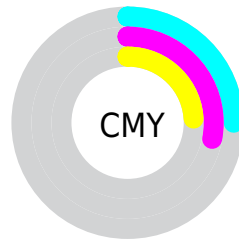


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (28%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.9685, 0.3117, 0.3153 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 48.9685, 0.3117, 0.3153 by changing the saturation by 10% instead.


 48.9685, 0.3117,
0.3153

 48.9685, 0.3117,
0.3153

382.6183, 0.3122,
0.3220

 34.5945, 0.3116,
0.3137


 88.6447, 0.3119,
0.3177

 23.3507, 0.3114,
0.3116


114.7156, 0.3120,
0.3186

 14.8527, 0.3111,
0.3088


145.4543, 0.3120,
0.3194

 8.7160, 0.3108,
0.3050

181.2452, 0.3121,
0.3201

 4.5564, 0.3102,
0.2994

222.4727, 0.3121,
0.3207

 1.9894, 0.3092,
0.2906

269.5211, 0.3122,

 0.6013, 0.3086,

0.3212

0.2657

322.7748, 0.3122,
0.3216

0.0000, 0.0000,
0.0000

48.9685, 0.3117,
0.3153

48.9685, 0.3117,
0.3153

41.0617, 0.3096,
0.2902

57.9932, 0.3134,
0.3392

34.2216, 0.3070,
0.2642

68.1717, 0.3147,
0.3615

28.4023, 0.3038,
0.2382

79.5464, 0.3157,
0.3821

23.5522, 0.3002,
0.2130

88.5317, 0.3169,
0.3955

19.6150, 0.2962,
0.1896

89.0366, 0.3191,
0.3950

■ 16.5287, 0.2918,
0.1690

■ 89.5527, 0.3213,
0.3946

■ 14.2235, 0.2871,
0.1523

■ 90.0800, 0.3235,
0.3941

■ 12.6184, 0.2824,
0.1399

■ 90.6187, 0.3258,
0.3937

■ 11.6129, 0.2777,
0.1319

■ 91.1687, 0.3280,
0.3932

Harmonies

Analogous

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



48.9685, 0.3027, 0.3130



48.9685, 0.3117, 0.3153



48.9685, 0.3211, 0.3211

Triad

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



48.9685, 0.3117, 0.3153



48.9685, 0.3291, 0.3431



48.9685, 0.2974, 0.3288

Complementary

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



48.9685, 0.3117, 0.3153



52.3076, 0.3136, 0.3429

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.



48.9685, 0.3043, 0.3371



48.9685, 0.3117, 0.3153



48.9685, 0.3226, 0.3454

Square

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



48.9685, 0.3117, 0.3153



48.9685, 0.3312, 0.3370



48.9685, 0.3135, 0.3433



48.9685, 0.2946, 0.3206

Rectangle

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



48.9685, 0.3117, 0.3153



48.9685, 0.3262, 0.3262



48.9685, 0.3135, 0.3433



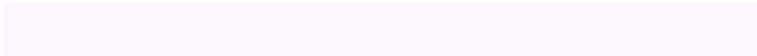
48.9685, 0.2993, 0.3316

Sweetspot

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



48.9706, 0.3117, 0.3153



94.4339, 0.3124, 0.3241



48.6671, 0.3042, 0.3176



20.7151, 0.3124, 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.



48.9706, 0.3117, 0.3153



86.5363, 0.3114, 0.3117



49.0758, 0.3161, 0.3197



10.4907, 0.3113, 0.3108



7.4462, 0.2762, 0.1295



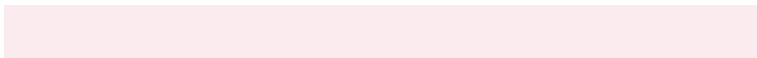
0.3462, 0.2868, 0.1354

Inverse Universe

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



48.8378, 0.3205, 0.3265



86.2400, 0.3226, 0.3259



52.2103, 0.3095, 0.3385



10.4528, 0.3232, 0.3257



7.6290, 0.6105, 0.3137



0.3389, 0.5515, 0.2812

Previews

White Background



This preview shows how the Yxy color 48.9685, 0.3117, 0.3153 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 48.9685, 0.3117, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

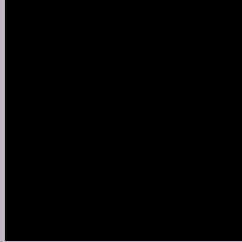
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

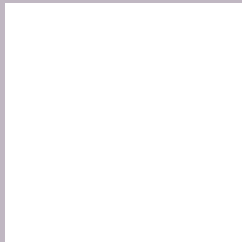
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9685, 0.3117, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 48.9685, 0.3117, 0.3153.

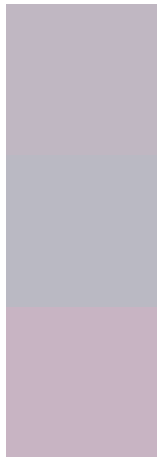


This preview shows how white text looks on a background with the Yxy color 48.9685, 0.3117, 0.3153.

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

48.9685, 0.3117, 0.3153

Protanopia

49.0772, 0.3059, 0.3164

Deuteranopia

48.8620, 0.3178, 0.3107



Tritanopia

49.1047, 0.3094, 0.3116

Trichromacy



Original Color

48.9685, 0.3117, 0.3153

Protanomaly

48.9125, 0.3075, 0.3152

Deuteranomaly

48.8582, 0.3152, 0.3118

Tritanomaly

49.0590, 0.3101, 0.3128

Monochromacy



Original Color

48.9685, 0.3117, 0.3153

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6543, 0.3121, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9685, 0.3117, 0.3153 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(192, 183, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 183, 194)  
}
```

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(192, 183, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 183, 194) }
```

Border

The CSS property to change the border of an element to Yxy 48.9685, 0.3117, 0.3153 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(192, 183, 194) }
```

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

```
.border{ border-color:rgb(192, 183, 194) }
```

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

Here you see how a box with a 4 pixel rgb(192, 183, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 183, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 183, 194);  
box-shadow:4px 4px 4px 4px rgb(192, 183,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9685, 0.3117, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 183, 194) }
```

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

```
.background{ background-color: rgb(192,  
183, 194) }
```

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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