

Converting Colors

$Y_{xy}(49.8468, 0.3159, 0.3168)$

Have a look what the booklet for
Yxy(49.8468, 0.3159, 0.3168)
contains.

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Color

Yxy(50.0463, 0.3158, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	C5B8C2
RGB	197, 184, 194
RGB Percent	77%, 72%, 76%
CMY	0.2275, 0.2784, 0.2392
CMYK	0.00, 0.07, 0.02, 0.23
HSL	314°, 10%, 75%
HSV	314°, 7%, 77%
XYZ	49.9041, 50.0463, 58.0739
YIQ	189.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

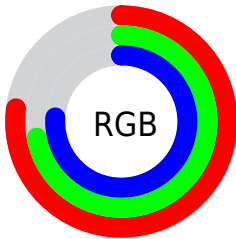
Format	Color
RYB	197, 184, 194
Decimal	12957890
CIELab	76.10, 6.40, -3.41
CIElCh	76, 7.247, 331.967
Yxy	50.0463, 0.3158, 0.3167
Android (android.graphics.Color)	4291147970 (0xFFC5B8C2)
YUV	189.0270, 2.4517, 6.9923
Hunter-Lab	70.7434, 2.1172, 0.8487

Details

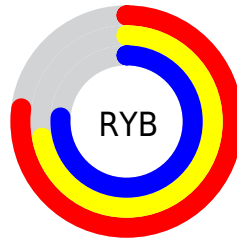
The Yxy color **50.0463, 0.3158, 0.3167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7097, 0.3098, 0.3416**, and the grayscale version is **50.8901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2931, 0.3158, 0.3193**, and **23.9657, 0.3169, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **42.2253, 0.3211, 0.2974**, and if you desaturate by 10%, it is **59.0175, 0.3112, 0.3352**.

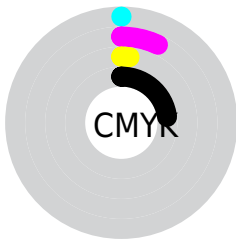
Distribution



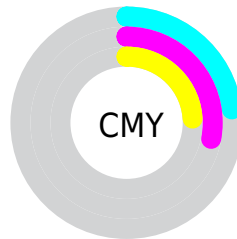
- Red (77%)
- Green (72%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0463, 0.3158, 0.3167 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 50.0463, 0.3158, 0.3167 by changing the saturation by 10% instead.

■ 50.0463, 0.3158,
0.3167

■ 50.0463, 0.3158,
0.3167

386.8470, 0.3143,
0.3227

■ 35.4502, 0.3162,
0.3152

■ 90.2435, 0.3153,
0.3189

■ 24.0099, 0.3166,
0.3134

116.6133, 0.3151,
0.3197

■ 15.3409, 0.3172,
0.3109

147.6765, 0.3149,
0.3204

■ 9.0590, 0.3180,
0.3076

183.8175, 0.3147,
0.3210

■ 4.7797, 0.3192,
0.3027

225.4207, 0.3146,
0.3215

■ 2.1186, 0.3210,
0.2949

272.8704, 0.3145,

■ 0.6750, 0.3262,

0.3220

0.2760

326.5510, 0.3144,
0.3224

0.0000, 0.0000,
0.0000

50.0463, 0.3158,
0.3167

50.0463, 0.3158,
0.3167

42.2253, 0.3211,
0.2974

59.0175, 0.3112,
0.3352

35.5011, 0.3272,
0.2776

69.1767, 0.3074,
0.3526

29.8259, 0.3342,
0.2581

80.5677, 0.3041,
0.3688

25.1455, 0.3420,
0.2394

88.1498, 0.3014,
0.3759

21.4012, 0.3504,
0.2225

88.3818, 0.2990,
0.3708

■ 18.5278, 0.3594,
0.2086

■ 88.6202, 0.2965,
0.3657

■ 16.4519, 0.3686,
0.1985

■ 88.8652, 0.2941,
0.3606

■ 15.0879, 0.3777,
0.1928

■ 89.1168, 0.2917,
0.3556

■ 14.3237, 0.3866,
0.1918

■ 89.3749, 0.2893,
0.3506

Harmonies

Analogous

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



50.0463, 0.3059, 0.3126



50.0463, 0.3158, 0.3167



50.0463, 0.3250, 0.3239

Triad

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



50.0463, 0.3158, 0.3167



50.0463, 0.3277, 0.3454



50.0463, 0.2948, 0.3250

Complementary

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



50.0463, 0.3158, 0.3167



53.7097, 0.3098, 0.3416

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.



50.0463, 0.3005, 0.3341



50.0463, 0.3158, 0.3167



50.0463, 0.3194, 0.3460

Square

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



50.0463, 0.3158, 0.3167



50.0463, 0.3319, 0.3404



50.0463, 0.3094, 0.3418



50.0463, 0.2939, 0.3173

Rectangle

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



50.0463, 0.3158, 0.3167



50.0463, 0.3295, 0.3296



50.0463, 0.3094, 0.3418



50.0463, 0.2962, 0.3280

Sweetspot

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



50.0485, 0.3158, 0.3167



96.7138, 0.3136, 0.3253



48.8562, 0.3051, 0.3127



20.7351, 0.3136, 0.3254



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.



50.0485, 0.3158, 0.3167



87.3695, 0.3166, 0.3138



49.7703, 0.3208, 0.3245



10.7733, 0.3172, 0.3114



9.3058, 0.3885, 0.1914



0.4511, 0.3716, 0.1821

Inverse Universe

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



50.0485, 0.3158, 0.3167



87.3695, 0.3166, 0.3138



53.9866, 0.3052, 0.3336



10.7733, 0.3172, 0.3114



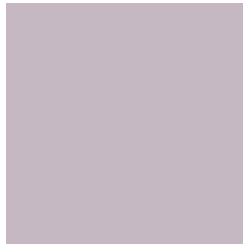
9.3058, 0.3885, 0.1914



0.4511, 0.3716, 0.1821

Previews

White Background



This preview shows how the Yxy color 50.0463, 0.3158, 0.3167 looks on a white background.

Color Contrast Check

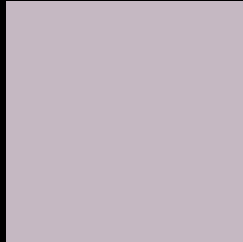
Large Text (above 18pt) WCAG AA × Fail

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 50.0463, 0.3158, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

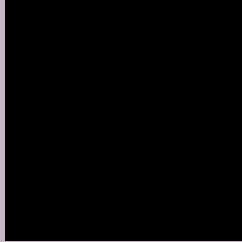
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

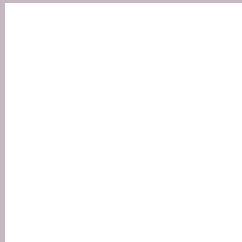
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0463, 0.3158, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 50.0463, 0.3158, 0.3167.



This preview shows how white text looks on a background with the Yxy color 50.0463, 0.3158, 0.3167.

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

50.0463, 0.3158, 0.3167

Protanopia

50.3450, 0.3075, 0.3178

Deuteranopia

50.0474, 0.3210, 0.3145



Tritanopia

49.9500, 0.3136, 0.3107

Trichromacy



Original Color

50.0463, 0.3158, 0.3167

Protanomaly

50.2644, 0.3108, 0.3178

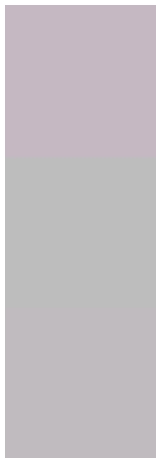
Deuteranomaly

50.1795, 0.3193, 0.3156

Tritanomaly

49.9040, 0.3144, 0.3119

Monochromacy



Original Color

50.0463, 0.3158, 0.3167

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5087, 0.3138, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0463, 0.3158, 0.3167 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(197, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 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(197, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 194) }
```

Border

The CSS property to change the border of an element to Yxy 50.0463, 0.3158, 0.3167 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(197, 184, 194) }
```

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

```
.border{ border-color:rgb(197, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0463, 0.3158, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 194) }
```

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

```
.background{ background-color: rgb(197,  
184, 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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