

Converting Colors

Yxy(50.8059, 0.3167, 0.3133)

Have a look what the booklet for
Yxy(50.8059, 0.3167, 0.3133)
contains.

Yxy(50.7297, 0.3168, 0.3132)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7297, 0.3168, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	C9B8C5
RGB	201, 184, 197
RGB Percent	79%, 72%, 77%
CMY	0.2117, 0.2785, 0.2273
CMYK	0.00, 0.08, 0.02, 0.21
HSL	314°, 14%, 75%
HSV	314°, 8%, 79%
XYZ	51.3128, 50.7297, 59.9297
YIQ	190.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

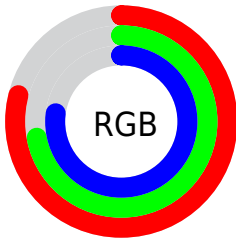
Format	Color
R _Y B	201, 184, 197
Decimal	13220037
CIE Lab	76.51, 8.36, -4.40
CIE LCh	77, 9.443, 332.258
Yxy	50.7297, 0.3168, 0.3132
Android (android.graphics.Color)	4291410117 (0xFFC9B8C5)
YUV	190.5650, 3.1725, 9.1515
Hunter-Lab	71.2248, 3.9542, -0.0302

Details

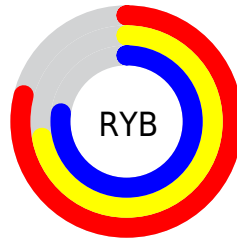
The Yxy color $50.7297, 0.3168, 0.3132$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.6029, 0.3089, 0.3453$, and the grayscale version is $51.8175, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.7359, 0.3140, 0.3156$, and $24.4188, 0.3182, 0.3095$ is the 20% darker color. If you saturate the color by 10%, you get $42.7531, 0.3224, 0.2939$, and if you desaturate by 10%, it is $59.9042, 0.3120, 0.3318$.

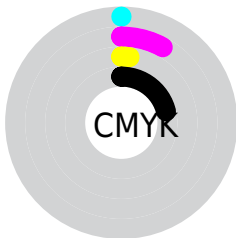
Distribution



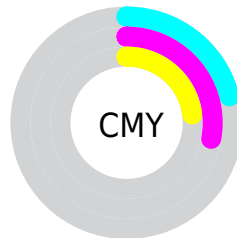
- Red (79%)
- Green (72%)
- Blue (77%)



- Red (79%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7297, 0.3168, 0.3132 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 50.7297, 0.3168, 0.3132 by changing the saturation by 10% instead.

 50.7297, 0.3168,
0.3132

 50.7297, 0.3168,
0.3132


389.5127, 0.3148,
0.3209

 35.9935, 0.3173,
0.3113


 91.2551, 0.3161,
0.3160

 24.4292, 0.3179,
0.3090

117.8131, 0.3158,
0.3170

 15.6523, 0.3186,
0.3059


149.0806, 0.3156,
0.3179

 9.2785, 0.3197,
0.3017

185.4418, 0.3154,
0.3187

 4.9233, 0.3212,
0.2956

227.2812, 0.3152,
0.3193

 2.2023, 0.3234,
0.2860

274.9833, 0.3151,

 0.7212, 0.3286,

0.3199

0.2661

328.9323, 0.3150,
0.3204

0.0000, 0.0000,
0.0000

50.7297, 0.3168,
0.3132

50.7297, 0.3168,
0.3132

42.7531, 0.3224,
0.2939

59.9042, 0.3120,
0.3318

35.9178, 0.3288,
0.2742

70.3168, 0.3080,
0.3493

30.1728, 0.3360,
0.2547

82.0142, 0.3046,
0.3657

25.4603, 0.3441,
0.2364

88.8914, 0.3018,
0.3714

21.7174, 0.3528,
0.2201

89.1383, 0.2992,
0.3661

■ 18.8743, 0.3621,
0.2069

■ 89.3922, 0.2967,
0.3609

■ 16.8516, 0.3715,
0.1976

■ 89.6532, 0.2941,
0.3557

■ 15.5562, 0.3808,
0.1930

■ 89.9213, 0.2916,
0.3506

■ 14.8422, 0.3898,
0.1928

■ 90.1967, 0.2891,
0.3454

Harmonies

Analogous

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



50.7297, 0.3039, 0.3079



50.7297, 0.3168, 0.3132



50.7297, 0.3288, 0.3225

Triad

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



50.7297, 0.3168, 0.3132



50.7297, 0.3320, 0.3503



50.7297, 0.2895, 0.3236

Complementary

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



50.7297, 0.3168, 0.3132



55.6029, 0.3089, 0.3453

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.



50.7297, 0.2967, 0.3355



50.7297, 0.3168, 0.3132



50.7297, 0.3212, 0.3511

Square

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



50.7297, 0.3168, 0.3132



50.7297, 0.3377, 0.3438



50.7297, 0.3083, 0.3456



50.7297, 0.2883, 0.3136

Rectangle

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



50.7297, 0.3168, 0.3132



50.7297, 0.3346, 0.3299



50.7297, 0.3083, 0.3456



50.7297, 0.2913, 0.3275

Sweetspot

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



50.7319, 0.3168, 0.3132



95.1009, 0.3141, 0.3234



49.1840, 0.3030, 0.3078



20.0823, 0.3145, 0.3219



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.



50.7319, 0.3168, 0.3132



84.4170, 0.3177, 0.3100



50.3531, 0.3236, 0.3235



10.7725, 0.3173, 0.3115



9.2877, 0.3900, 0.1922



0.4504, 0.3727, 0.1827

Inverse Universe

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



50.7319, 0.3168, 0.3132



84.4170, 0.3177, 0.3100



55.9803, 0.3029, 0.3346



10.7725, 0.3173, 0.3115



9.2877, 0.3900, 0.1922



0.4504, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 50.7297, 0.3168, 0.3132 looks on a white background.

Color Contrast Check

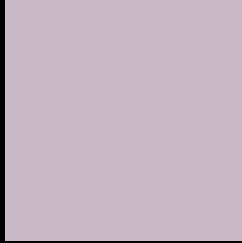
Large Text (above 18pt) WCAG AA × Fail

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 50.7297, 0.3168, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

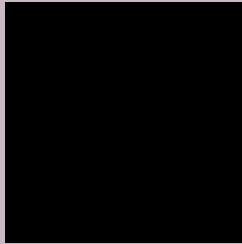
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7297, 0.3168, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 50.7297, 0.3168, 0.3132.



This preview shows how white text looks on a background with the Yxy color 50.7297, 0.3168, 0.3132.

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

50.7297, 0.3168, 0.3132

Protanopia

50.9088, 0.3052, 0.3153

Deuteranopia

50.5947, 0.3186, 0.3121



Tritanopia

50.7757, 0.3160, 0.3121

Trichromacy



Original Color

50.7297, 0.3168, 0.3132

Protanomaly

50.9553, 0.3092, 0.3154

Deuteranomaly

50.4547, 0.3177, 0.3121

Tritanomaly

50.7757, 0.3160, 0.3121

Monochromacy



Original Color

50.7297, 0.3168, 0.3132

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4188, 0.3147, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7297, 0.3168, 0.3132 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(201, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 184, 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(201, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 184, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.7297, 0.3168, 0.3132 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(201, 184, 197) }
```

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

```
.border{ border-color:rgb(201, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 184,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7297, 0.3168, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 184, 197) }
```

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

```
.background{ background-color: rgb(201,  
184, 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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