

Converting Colors

$Y_{xy}(47.2312, 0.3165, 0.3062)$

Have a look what the booklet for
Yxy(47.2312, 0.3165, 0.3062)
contains.

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Color

Yxy(47.3902, 0.3163, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	C6B1C3
RGB	198, 177, 195
RGB Percent	78%, 69%, 76%
CMY	0.2236, 0.3058, 0.2352
CMYK	0.00, 0.11, 0.01, 0.22
HSL	308°, 16%, 74%
HSV	308°, 11%, 78%
XYZ	48.8576, 47.3902, 58.2183
YIQ	185.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

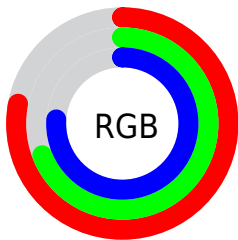
Format	Color
R_{YB}	198, 177, 195
Decimal	13021635
CIE _{Lab}	74.44, 10.71, -6.40
CIE _{LCh}	74, 12.475, 329.132
Yxy	47.3902, 0.3163, 0.3068
Android (android.graphics.Color)	4291211715 (0xFFC6B1C3)
YUV	185.3310, 4.7668, 11.1107
Hunter-Lab	68.8405, 6.2144, -1.9530

Details

The Yxy color $47.3902, 0.3163, 0.3068$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.0165, 0.3093, 0.3523$, and the grayscale version is $48.6798, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5661, 0.3156, 0.3106$, and $22.2677, 0.3176, 0.3007$ is the 20% darker color. If you saturate the color by 10%, you get $40.0054, 0.3202, 0.2852$, and if you desaturate by 10%, it is $55.9160, 0.3129, 0.3278$.

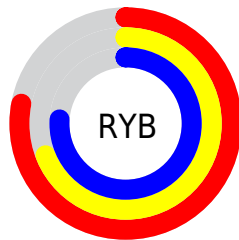
Distribution



Red (78%)

Green (69%)

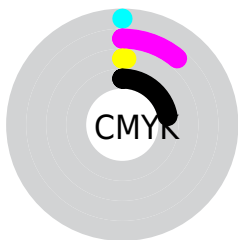
Blue (76%)



Red (78%)

Yellow (69%)

Blue (76%)

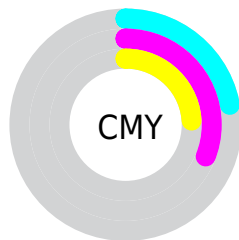


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (22%)



Cyan (22%)


Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3902, 0.3163, 0.3068 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 47.3902, 0.3163, 0.3068 by changing the saturation by 10% instead.


 47.3902, 0.3163,
0.3068

 47.3902, 0.3163,
0.3068

376.3699, 0.3146,
0.3177

 33.3442, 0.3167,
0.3041


 86.2958, 0.3157,
0.3107

 22.3903, 0.3172,
0.3008


111.9242, 0.3155,
0.3122

 14.1440, 0.3178,
0.2963


142.1822, 0.3153,
0.3135

 8.2209, 0.3187,
0.2903

177.4542, 0.3151,
0.3145

 4.2366, 0.3198,
0.2814

218.1245, 0.3150,
0.3155

 1.8068, 0.3215,
0.2673

264.5777, 0.3148,

 0.4914, 0.3307,

0.3163

0.2231

317.1980, 0.3147,
0.3170

■ 0.0000, 0.0000,
0.0000

■ 47.3902, 0.3163,
0.3068

■ 47.3902, 0.3163,
0.3068

■ 40.0054, 0.3202,
0.2852

■ 55.9160, 0.3129,
0.3278

■ 33.7068, 0.3245,
0.2634

■ 65.6223, 0.3100,
0.3478

■ 28.4443, 0.3293,
0.2423

■ 76.5543, 0.3074,
0.3665

■ 24.1613, 0.3344,
0.2227

■ 87.9849, 0.3053,
0.3826

■ 20.7961, 0.3397,
0.2056

■ 88.1213, 0.3038,
0.3795

■ 18.2798, 0.3451,
0.1919

■ 88.2601, 0.3022,
0.3763

■ 16.5337, 0.3505,
0.1823

■ 88.4013, 0.3007,
0.3732

■ 15.4647, 0.3555,
0.1772

■ 88.5449, 0.2992,
0.3700

■ 14.9110, 0.3601,
0.1757

■ 88.6909, 0.2977,
0.3669

Harmonies

Analogous

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



47.3902, 0.2991, 0.3004



47.3902, 0.3163, 0.3068



47.3902, 0.3330, 0.3187

Triad

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



47.3902, 0.3163, 0.3068



47.3902, 0.3400, 0.3572



47.3902, 0.2821, 0.3232

Complementary

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



47.3902, 0.3163, 0.3068



53.0165, 0.3093, 0.3523

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.



47.3902, 0.2925, 0.3393



47.3902, 0.3163, 0.3068



47.3902, 0.3258, 0.3593

Square

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



47.3902, 0.3163, 0.3068



47.3902, 0.3468, 0.3475



47.3902, 0.3084, 0.3528



47.3902, 0.2797, 0.3093

Rectangle

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



47.3902, 0.3163, 0.3068



47.3902, 0.3413, 0.3284



47.3902, 0.3084, 0.3528



47.3902, 0.2848, 0.3286

Sweetspot

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



47.3923, 0.3163, 0.3068



95.1468, 0.3137, 0.3227



45.2050, 0.2986, 0.3020



20.0947, 0.3140, 0.3210



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.



47.3923, 0.3163, 0.3068



80.3468, 0.3173, 0.3012



46.9408, 0.3248, 0.3194



10.7900, 0.3159, 0.3094



9.7098, 0.3595, 0.1754



0.4670, 0.3503, 0.1703

Inverse Universe

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



47.3923, 0.3163, 0.3068



80.3468, 0.3173, 0.3012



53.4534, 0.3020, 0.3388



10.7900, 0.3159, 0.3094



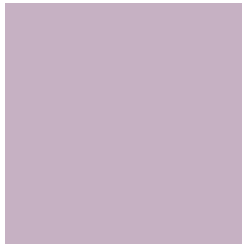
9.7098, 0.3595, 0.1754



0.4670, 0.3503, 0.1703

Previews

White Background



This preview shows how the Yxy color 47.3902, 0.3163, 0.3068 looks on a white background.

Color Contrast Check

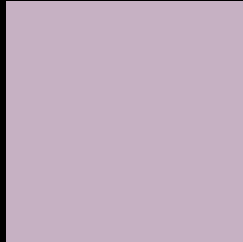
Large Text (above 18pt) WCAG AA × Fail

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 47.3902, 0.3163, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

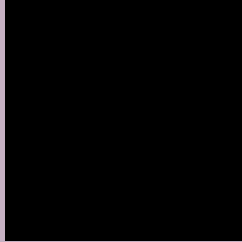
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3902, 0.3163, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 47.3902, 0.3163, 0.3068.



This preview shows how white text looks on a background with the Yxy color 47.3902, 0.3163, 0.3068.

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

47.3902, 0.3163, 0.3068

Protanopia

47.4782, 0.3004, 0.3086

Deuteranopia

47.5167, 0.3146, 0.3080



Tritanopia

47.5169, 0.3178, 0.3117

Trichromacy



Original Color

47.3902, 0.3163, 0.3068

Protanomaly

47.3651, 0.3061, 0.3076

Deuteranomaly

47.6512, 0.3154, 0.3080

Tritanomaly

47.5614, 0.3170, 0.3104

Monochromacy



Original Color

47.3902, 0.3163, 0.3068

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0772, 0.3140, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3902, 0.3163, 0.3068 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(198, 177, 195)` looks like.

```
.text, #text, p{  
    color:rgb(198, 177, 195)  
}
```

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(198, 177, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 177, 195) }
```

Border

The CSS property to change the border of an element to Yxy 47.3902, 0.3163, 0.3068 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(198, 177, 195) }
```

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

```
.border{ border-color:rgb(198, 177, 195) }
```

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

Here you see how a box with a 4 pixel rgb(198, 177, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 177, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 177, 195);  
box-shadow:4px 4px 4px 4px rgb(198, 177,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3902, 0.3163, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 177, 195) }
```

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

```
.background{ background-color: rgb(198,  
177, 195) }
```

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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