

Converting Colors

$Yxy(48.8043, 0.3137, 0.3067)$

Have a look what the booklet for
Yxy(48.8043, 0.3137, 0.3067)
contains.

Yxy(48.7255, 0.3138, 0.3070)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.7255, 0.3138, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	C6B4C6
RGB	198, 180, 198
RGB Percent	78%, 71%, 78%
CMY	0.2234, 0.2941, 0.2237
CMYK	0.00, 0.09, 0.00, 0.22
HSL	300°, 14%, 74%
HSV	300°, 9%, 78%
XYZ	49.8048, 48.7255, 60.1847
YIQ	187.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

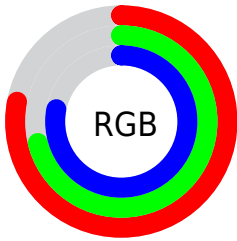
Format	Color
R_{YB}	198, 180, 198
Decimal	13022406
CIE Lab	75.28, 9.65, -6.76
CIE LCh	75, 11.782, 325.006
Yxy	48.7255, 0.3138, 0.3070
Android (android.graphics.Color)	4291212486 (0xFFC6B4C6)
YUV	187.4340, 5.2090, 9.2664
Hunter-Lab	69.8037, 5.2030, -2.2573

Details

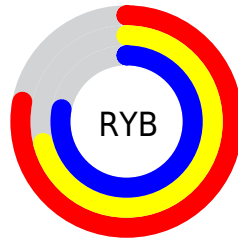
The Yxy color **48.7255, 0.3138, 0.3070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4016, 0.3116, 0.3520**, and the grayscale version is **49.9216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **23.1217, 0.3140, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **41.2921, 0.3150, 0.2823**, and if you desaturate by 10%, it is **57.3054, 0.3126, 0.3311**.

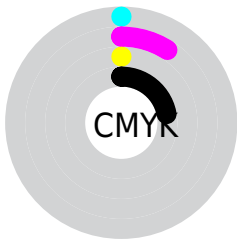
Distribution



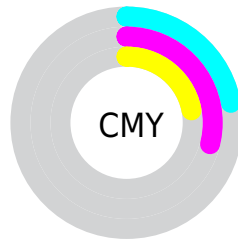
- Red (78%)
- Green (71%)
- Blue (78%)



- Red (78%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7255, 0.3138, 0.3070 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 48.7255, 0.3138, 0.3070 by changing the saturation by 10% instead.

 48.7255, 0.3138,
0.3070

 48.7255, 0.3138,
0.3070


381.6607, 0.3133,
0.3178

 34.4018, 0.3139,
0.3044


 88.2836, 0.3137,
0.3109

 23.2024, 0.3140,
0.3011


114.2868, 0.3136,
0.3123

 14.7430, 0.3141,
0.2967


144.9520, 0.3135,
0.3136

 8.6393, 0.3142,
0.2908

180.6634, 0.3135,
0.3146

 4.5066, 0.3143,
0.2822

221.8057, 0.3134,
0.3156

 1.9608, 0.3143,
0.2687

268.7630, 0.3134,

 0.5846, 0.3175,

0.3164

0.2346

321.9199, 0.3134,
0.3171

0.0000, 0.0000,
0.0000

48.7255, 0.3138,
0.3070

48.7255, 0.3138,
0.3070

41.2921, 0.3150,
0.2823

57.3054, 0.3126,
0.3311

34.9506, 0.3163,
0.2576

67.0708, 0.3115,
0.3542

29.6516, 0.3175,
0.2339

78.0666, 0.3104,
0.3758

25.3392, 0.3186,
0.2119

87.6175, 0.3097,
0.3916

21.9525, 0.3196,
0.1928

87.6206, 0.3096,
0.3916

■ 19.4237, 0.3204,
0.1772

■ 87.6237, 0.3096,
0.3915

■ 17.6758, 0.3210,
0.1657

■ 87.6268, 0.3095,
0.3914

■ 16.6182, 0.3215,
0.1585

■ 87.6299, 0.3095,
0.3913

■ 16.0958, 0.3217,
0.1549

■ 87.6330, 0.3095,
0.3913

Harmonies

Analogous

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



48.7255, 0.2979, 0.3019



48.7255, 0.3138, 0.3070



48.7255, 0.3297, 0.3176

Triad

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



48.7255, 0.3138, 0.3070



48.7255, 0.3396, 0.3545



48.7255, 0.2850, 0.3257

Complementary

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



48.7255, 0.3138, 0.3070



53.4016, 0.3116, 0.3520

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.



48.7255, 0.2957, 0.3406



48.7255, 0.3138, 0.3070



48.7255, 0.3271, 0.3576

Square

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



48.7255, 0.3138, 0.3070



48.7255, 0.3448, 0.3447



48.7255, 0.3110, 0.3525



48.7255, 0.2816, 0.3121

Rectangle

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



48.7255, 0.3138, 0.3070



48.7255, 0.3381, 0.3266



48.7255, 0.3110, 0.3525



48.7255, 0.2878, 0.3307

Sweetspot

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



48.7276, 0.3138, 0.3070



95.2141, 0.3131, 0.3217



46.4243, 0.2987, 0.3059



20.1129, 0.3132, 0.3198



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.



48.7276, 0.3138, 0.3070



83.3847, 0.3141, 0.3019



48.3267, 0.3210, 0.3179



10.8160, 0.3138, 0.3063



10.4394, 0.3218, 0.1546



0.4945, 0.3216, 0.1545

Inverse Universe

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



48.7276, 0.3138, 0.3070



83.3847, 0.3141, 0.3019



53.7785, 0.3052, 0.3404



10.8160, 0.3138, 0.3063



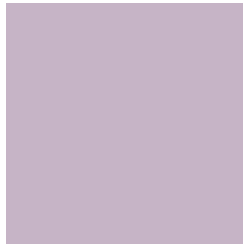
10.4394, 0.3218, 0.1546



0.4945, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 48.7255, 0.3138, 0.3070 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 48.7255, 0.3138, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

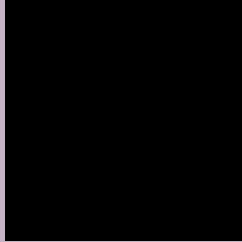
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7255, 0.3138, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 48.7255, 0.3138, 0.3070.



This preview shows how white text looks on a background with the Yxy color 48.7255, 0.3138, 0.3070.

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

48.7255, 0.3138, 0.3070

Protanopia

48.6884, 0.2998, 0.3076

Deuteranopia

48.7255, 0.3138, 0.3070



Tritanopia

48.9936, 0.3161, 0.3118

Trichromacy



Original Color

48.7255, 0.3138, 0.3070

Protanomaly

48.8559, 0.3046, 0.3078

Deuteranomaly

48.7255, 0.3138, 0.3070

Tritanomaly

49.0390, 0.3153, 0.3106

Monochromacy



Original Color

48.7255, 0.3138, 0.3070

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1189, 0.3131, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7255, 0.3138, 0.3070 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, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 180, 198)  
}
```

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, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 180, 198) }
```

Border

The CSS property to change the border of an element to Yxy 48.7255, 0.3138, 0.3070 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, 180, 198) }
```

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

```
.border{ border-color:rgb(198, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 180,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7255, 0.3138, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 180, 198) }
```

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

```
.background{ background-color: rgb(198,  
180, 198) }
```

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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