

Converting Colors

$Yxy(48.1842, 0.3170, 0.3076)$

Have a look what the booklet for
Yxy(48.1842, 0.3170, 0.3076)
contains.

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Color

Yxy(48.1057, 0.3172, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	C8B2C4
RGB	200, 178, 196
RGB Percent	78%, 70%, 77%
CMY	0.2157, 0.3019, 0.2314
CMYK	0.00, 0.11, 0.02, 0.22
HSL	311°, 17%, 74%
HSV	311°, 11%, 78%
XYZ	49.7040, 48.1057, 58.8864
YIQ	186.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

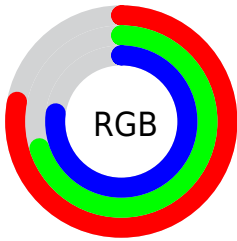
Format	Color
R_{YB}	200, 178, 196
Decimal	13152964
CIE _{Lab}	74.89, 11.06, -6.24
CIE _{LCh}	75, 12.694, 330.565
Yxy	48.1057, 0.3172, 0.3070
Android (android.graphics.Color)	4291343044 (0xFFC8B2C4)
YUV	186.6300, 4.6194, 11.7255
Hunter-Lab	69.3583, 6.5409, -1.7875

Details

The Yxy color **48.1057, 0.3172, 0.3070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1548, 0.3085, 0.3520**, and the grayscale version is **49.4466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1975, 0.3149, 0.3107**, and **22.7312, 0.3188, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **40.5563, 0.3219, 0.2863**, and if you desaturate by 10%, it is **56.8238, 0.3131, 0.3270**.

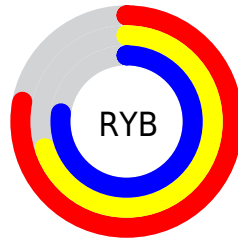
Distribution



Red (78%)

Green (70%)

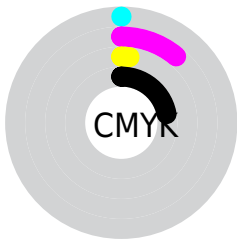
Blue (77%)



Red (78%)

Yellow (70%)

Blue (77%)

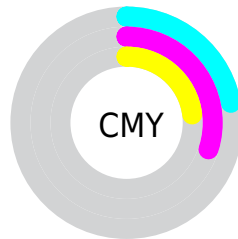


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (22%)



Cyan (22%)


Magenta (30%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1057, 0.3172, 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 48.1057, 0.3172, 0.3070 by changing the saturation by 10% instead.


 48.1057, 0.3172,
0.3070

 48.1057, 0.3172,
0.3070

379.2109, 0.3151,
0.3178

 33.9106, 0.3177,
0.3044


 87.3618, 0.3164,
0.3109

 22.8249, 0.3183,
0.3011


113.1915, 0.3162,
0.3123

 14.4643, 0.3192,
0.2967


143.6683, 0.3159,
0.3136

 8.4443, 0.3203,
0.2907

179.1764, 0.3157,
0.3146

 4.3805, 0.3218,
0.2821

220.1004, 0.3155,
0.3156

 1.8886, 0.3241,
0.2684

266.8245, 0.3153,

 0.5415, 0.3334,

0.3164

0.2301

319.7332, 0.3152,
0.3171

0.0000, 0.0000,
0.0000

48.1057, 0.3172,
0.3070

48.1057, 0.3172,
0.3070

40.5563, 0.3219,
0.2863

56.8238, 0.3131,
0.3270

34.1191, 0.3273,
0.2655

66.7511, 0.3096,
0.3461

28.7427, 0.3332,
0.2452

77.9343, 0.3066,
0.3639

24.3689, 0.3397,
0.2264

88.4823, 0.3041,
0.3774

20.9339, 0.3466,
0.2100

88.6668, 0.3021,
0.3733

■ 18.3669, 0.3537,
0.1969

■ 88.8555, 0.3001,
0.3692

■ 16.5865, 0.3607,
0.1881

■ 89.0484, 0.2981,
0.3651

■ 15.4963, 0.3676,
0.1838

■ 89.2455, 0.2961,
0.3611

■ 14.9440, 0.3735,
0.1831

■ 89.4468, 0.2942,
0.3571

Harmonies

Analogous

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



48.1057, 0.2997, 0.3002



48.1057, 0.3172, 0.3070



48.1057, 0.3339, 0.3193

Triad

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



48.1057, 0.3172, 0.3070



48.1057, 0.3398, 0.3578



48.1057, 0.2815, 0.3224

Complementary

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



48.1057, 0.3172, 0.3070



54.1548, 0.3085, 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.



48.1057, 0.2916, 0.3387



48.1057, 0.3172, 0.3070



48.1057, 0.3252, 0.3596

Square

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



48.1057, 0.3172, 0.3070



48.1057, 0.3471, 0.3483



48.1057, 0.3075, 0.3526



48.1057, 0.2794, 0.3085

Rectangle

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



48.1057, 0.3172, 0.3070



48.1057, 0.3422, 0.3292



48.1057, 0.3075, 0.3526



48.1057, 0.2840, 0.3278

Sweetspot

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



48.1078, 0.3172, 0.3070



95.1263, 0.3139, 0.3230



45.9178, 0.2986, 0.3009



20.0891, 0.3142, 0.3214



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.



48.1078, 0.3172, 0.3070



80.2597, 0.3182, 0.3025



47.6396, 0.3260, 0.3199



10.7822, 0.3165, 0.3103



9.5135, 0.3726, 0.1826



0.4594, 0.3600, 0.1757

Inverse Universe

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



48.1078, 0.3172, 0.3070



80.2597, 0.3182, 0.3025



54.6124, 0.3010, 0.3382



10.7822, 0.3165, 0.3103



9.5135, 0.3726, 0.1826



0.4594, 0.3600, 0.1757

Previews

White Background



This preview shows how the Yxy color 48.1057, 0.3172, 0.3070 looks on a white background.

Color Contrast Check

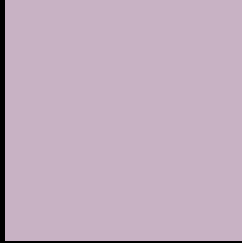
Large Text (above 18pt) WCAG AA × Fail

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 48.1057, 0.3172, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

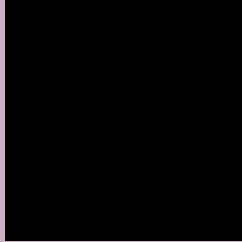
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1057, 0.3172, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 48.1057, 0.3172, 0.3070.



This preview shows how white text looks on a background with the Yxy color 48.1057, 0.3172, 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

48.1057, 0.3172, 0.3070

Protanopia

48.0578, 0.3004, 0.3087

Deuteranopia

48.0960, 0.3146, 0.3081



Tritanopia

48.3698, 0.3195, 0.3118

Trichromacy



Original Color

48.1057, 0.3172, 0.3070

Protanomaly

47.9438, 0.3062, 0.3077

Deuteranomaly

48.2315, 0.3154, 0.3081

Tritanomaly

48.4146, 0.3187, 0.3106

Monochromacy



Original Color

48.1057, 0.3172, 0.3070

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2052, 0.3147, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1057, 0.3172, 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(200, 178, 196)` looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 196)  
}
```

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(200, 178, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 196) }
```

Border

The CSS property to change the border of an element to Yxy 48.1057, 0.3172, 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(200, 178, 196) }
```

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

```
.border{ border-color:rgb(200, 178, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1057, 0.3172, 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(200, 178, 196) }
```

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

```
.background{ background-color: rgb(200,  
178, 196) }
```

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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