

Converting Colors

$Yxy(48.6364, 0.3121, 0.3057)$

Have a look what the booklet for
Yxy(48.6364, 0.3121, 0.3057)
contains.

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Color

Yxy(48.6364, 0.3121, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	C5B4C7
RGB	197, 180, 199
RGB Percent	77%, 71%, 78%
CMY	0.2275, 0.2941, 0.2196
CMYK	0.01, 0.10, 0.00, 0.22
HSL	294°, 15%, 74%
HSV	294°, 10%, 78%
XYZ	49.6546, 48.6364, 60.8074
YIQ	187.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

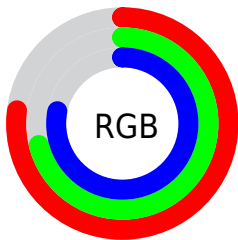
Format	Color
R_{YB}	197, 180, 199
Decimal	12956871
CIE _{Lab}	75.22, 9.49, -7.42
CIE _{LCh}	75, 12.042, 321.980
Yxy	48.6364, 0.3121, 0.3057
Android (android.graphics.Color)	4291146951 (0xFFC5B4C7)
YUV	187.2490, 5.7932, 8.5516
Hunter-Lab	69.7398, 5.0471, -2.8782

Details

The Yxy color $48.6364, 0.3121, 0.3057$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.0940, 0.3132, 0.3532$, and the grayscale version is $49.8076, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2817, 0.3129, 0.3107$, and $23.0627, 0.3118, 0.2993$ is the 20% darker color. If you saturate the color by 10%, you get $40.8885, 0.3112, 0.2804$, and if you desaturate by 10%, it is $57.5462, 0.3127, 0.3301$.

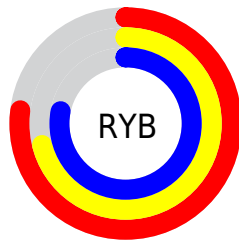
Distribution



Red (77%)

Green (71%)

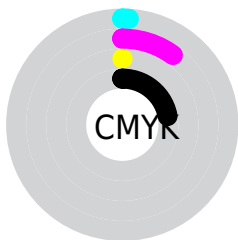
Blue (78%)



Red (77%)

Yellow (71%)

Blue (78%)

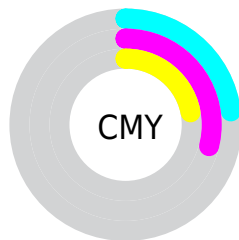


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6364, 0.3121, 0.3057 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 48.6364, 0.3121, 0.3057 by changing the saturation by 10% instead.


 48.6364, 0.3121,
0.3057

 48.6364, 0.3121,
0.3057


381.3091, 0.3125,
0.3171

 34.3311, 0.3120,
0.3029


 88.1512, 0.3123,
0.3098

 23.1481, 0.3118,
0.2994


114.1295, 0.3123,
0.3113

 14.7029, 0.3116,
0.2949

144.7676, 0.3124,
0.3126

 8.6111, 0.3112,
0.2886

180.4499, 0.3124,
0.3138

 4.4884, 0.3105,
0.2795

221.5609, 0.3124,
0.3148

 1.9504, 0.3093,
0.2653

268.4848, 0.3125,

 0.5784, 0.3101,

0.3156


0.2295


321.6061, 0.3125,
0.3164


 0.0000, 0.0000,
0.0000

 48.6364, 0.3121,
0.3057


 48.6364, 0.3121,
0.3057


 40.8885, 0.3112,
0.2804


 57.5462, 0.3127,
0.3301


 34.2471, 0.3100,
0.2549


 67.6574, 0.3132,
0.3531


 28.6619, 0.3085,
0.2299

 79.0158, 0.3134,
0.3746

 24.0764, 0.3067,
0.2064

 88.6856, 0.3138,
0.3899

 20.4283, 0.3046,
0.1854

 88.9889, 0.3151,
0.3897

■ 17.6488, 0.3022,
0.1677

■ 89.2963, 0.3164,
0.3894

■ 15.6594, 0.2997,
0.1542

■ 89.6077, 0.3177,
0.3892

■ 14.3675, 0.2970,
0.1451

■ 89.9233, 0.3191,
0.3889

■ 13.6062, 0.2943,
0.1396

■ 90.2429, 0.3204,
0.3887

Harmonies

Analogous

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



48.6364, 0.2961, 0.3011



48.6364, 0.3121, 0.3057



48.6364, 0.3286, 0.3161

Triad

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



48.6364, 0.3121, 0.3057



48.6364, 0.3411, 0.3543



48.6364, 0.2852, 0.3271

Complementary

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



48.6364, 0.3121, 0.3057



54.0940, 0.3132, 0.3532

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.



48.6364, 0.2967, 0.3424



48.6364, 0.3121, 0.3057



48.6364, 0.3290, 0.3583

Square

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



48.6364, 0.3121, 0.3057



48.6364, 0.3456, 0.3438



48.6364, 0.3127, 0.3539



48.6364, 0.2809, 0.3129

Rectangle

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



48.6364, 0.3121, 0.3057



48.6364, 0.3376, 0.3251



48.6364, 0.3127, 0.3539



48.6364, 0.2883, 0.3323

Sweetspot

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



48.6385, 0.3121, 0.3057



95.0621, 0.3125, 0.3217



47.3758, 0.2980, 0.3075



20.0717, 0.3125, 0.3197



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.



48.6385, 0.3121, 0.3057



82.8305, 0.3120, 0.3017



48.5822, 0.3196, 0.3146



10.7573, 0.3121, 0.3061



8.7514, 0.2946, 0.1396



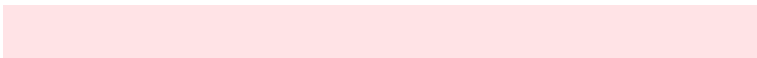
0.4312, 0.3004, 0.1429

Inverse Universe

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



48.1671, 0.3276, 0.3265



81.8799, 0.3304, 0.3261



54.1549, 0.3064, 0.3439



10.6549, 0.3273, 0.3266



7.8491, 0.6262, 0.3223



0.3780, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 48.6364, 0.3121, 0.3057 looks on a white background.

Color Contrast Check

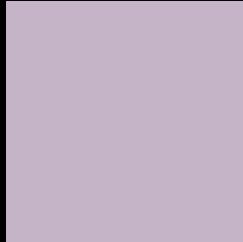
Large Text (above 18pt) WCAG AA × Fail

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 48.6364, 0.3121, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

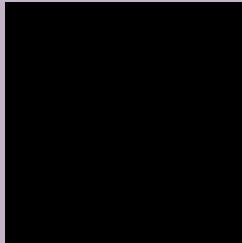
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6364, 0.3121, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 48.6364, 0.3121, 0.3057.



This preview shows how white text looks on a background with the Yxy color 48.6364, 0.3121, 0.3057.

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

48.6364, 0.3121, 0.3057

Protanopia

48.7356, 0.2990, 0.3064

Deuteranopia

48.6364, 0.3121, 0.3057



Tritanopia

48.7236, 0.3144, 0.3117

Trichromacy



Original Color

48.6364, 0.3121, 0.3057

Protanomaly

48.9028, 0.3038, 0.3066

Deuteranomaly

48.6364, 0.3121, 0.3057

Tritanomaly

48.7690, 0.3136, 0.3105

Monochromacy



Original Color

48.6364, 0.3121, 0.3057

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 48.6364, 0.3121, 0.3057 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, 180, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 199)  
}
```

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, 180, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 199) }
```

Border

The CSS property to change the border of an element to Yxy 48.6364, 0.3121, 0.3057 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, 180, 199) }
```

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

```
.border{ border-color:rgb(197, 180, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 180, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 180, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 180, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 180,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6364, 0.3121, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 199) }
```

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

```
.background{ background-color: rgb(197,  
180, 199) }
```

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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