

Converting Colors

$Yxy(48.4461, 0.3186, 0.3180)$

Have a look what the booklet for
Yxy(48.4461, 0.3186, 0.3180)
contains.

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Color

Yxy(48.5012, 0.3184, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	C4B5BE
RGB	196, 181, 190
RGB Percent	77%, 71%, 75%
CMY	0.2312, 0.2902, 0.2549
CMYK	0.00, 0.08, 0.03, 0.23
HSL	324°, 11%, 74%
HSV	324°, 8%, 77%
XYZ	48.5928, 48.5012, 55.5215
YIQ	186.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

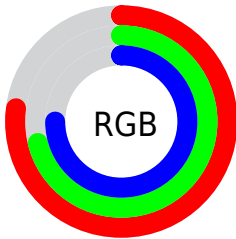
Format	Color
R_{YB}	196, 181, 190
Decimal	12891582
CIE Lab	75.14, 6.96, -2.65
CIE LCh	75, 7.446, 339.191
Yxy	48.5012, 0.3184, 0.3178
Android (android.graphics.Color)	4291081662 (0xFFC4B5BE)
YUV	186.5110, 1.7201, 8.3219
Hunter-Lab	69.6428, 2.6722, 1.4820

Details

The Yxy color $48.5012, 0.3184, 0.3178$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.9122, 0.3074, 0.3405$, and the grayscale version is $49.3963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.1048, 0.3178, 0.3202$, and $22.9953, 0.3193, 0.3139$ is the 20% darker color. If you saturate the color by 10%, you get $40.7499, 0.3271, 0.3026$, and if you desaturate by 10%, it is $57.3971, 0.3111, 0.3323$.

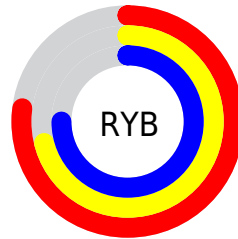
Distribution



Red (77%)

Green (71%)

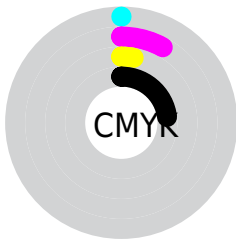
Blue (75%)



Red (77%)

Yellow (71%)

Blue (75%)

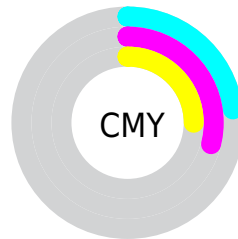


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5012, 0.3184, 0.3178 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 48.5012, 0.3184, 0.3178 by changing the saturation by 10% instead.

 48.5012, 0.3184,
0.3178

 48.5012, 0.3184,
0.3178


380.7753, 0.3156,
0.3233

 34.2240, 0.3191,
0.3164


 87.9502, 0.3174,
0.3198

 23.0657, 0.3200,
0.3147


113.8907, 0.3170,
0.3205

 14.6420, 0.3211,
0.3124


144.4878, 0.3167,
0.3212

 8.5685, 0.3227,
0.3093

180.1258, 0.3164,
0.3217

 4.4608, 0.3250,
0.3047

221.1892, 0.3162,
0.3222

 1.9346, 0.3288,
0.2973

268.0623, 0.3160,

 0.5690, 0.3410,

0.3226

0.2730

321.1296, 0.3158,
0.3230

0.0000, 0.0000,
0.0000

48.5012, 0.3184,
0.3178

48.5012, 0.3184,
0.3178

40.7499, 0.3271,
0.3026

57.3971, 0.3111,
0.3323

34.0899, 0.3373,
0.2869

67.4753, 0.3051,
0.3458

28.4733, 0.3493,
0.2712

78.7798, 0.3001,
0.3584

23.8458, 0.3632,
0.2562

88.5061, 0.2958,
0.3655

20.1486, 0.3788,
0.2428

88.9359, 0.2917,
0.3567

■ 17.3162, 0.3960,
0.2323

■ 89.3857, 0.2875,
0.3480

■ 15.2747, 0.4141,
0.2256

■ 89.8555, 0.2835,
0.3395

■ 13.9378, 0.4326,
0.2238

■ 90.3458, 0.2795,
0.3311

■ 13.1797, 0.4508,
0.2270

■ 90.4820, 0.2784,
0.3289

Harmonies

Analogous

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



48.5012, 0.3080, 0.3127



48.5012, 0.3184, 0.3178



48.5012, 0.3274, 0.3258

Triad

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



48.5012, 0.3184, 0.3178



48.5012, 0.3265, 0.3466



48.5012, 0.2934, 0.3227

Complementary

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



48.5012, 0.3184, 0.3178



52.9122, 0.3074, 0.3405

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.



48.5012, 0.2982, 0.3320



48.5012, 0.3184, 0.3178



48.5012, 0.3172, 0.3460

Square

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



48.5012, 0.3184, 0.3178



48.5012, 0.3321, 0.3424



48.5012, 0.3069, 0.3406



48.5012, 0.2937, 0.3153

Rectangle

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



48.5012, 0.3184, 0.3178



48.5012, 0.3313, 0.3318



48.5012, 0.3069, 0.3406



48.5012, 0.2945, 0.3257

Sweetspot

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



48.5033, 0.3184, 0.3178



96.6581, 0.3141, 0.3261



47.5970, 0.3060, 0.3100



20.7238, 0.3141, 0.3262



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.



48.5033, 0.3184, 0.3178



85.6430, 0.3196, 0.3156



48.1830, 0.3245, 0.3271



10.1769, 0.3197, 0.3153



8.3901, 0.4526, 0.2267



0.3758, 0.4157, 0.2064

Inverse Universe

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



48.5033, 0.3184, 0.3178



85.6430, 0.3196, 0.3156



53.2427, 0.3020, 0.3309



10.1769, 0.3197, 0.3153



8.3901, 0.4526, 0.2267



0.3758, 0.4157, 0.2064

Previews

White Background



This preview shows how the Yxy color 48.5012, 0.3184, 0.3178 looks on a white background.

Color Contrast Check

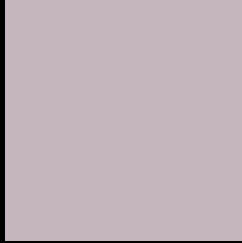
Large Text (above 18pt) WCAG AA × Fail

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 48.5012, 0.3184, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

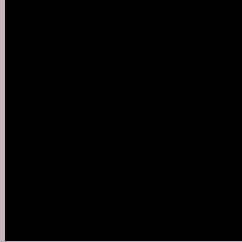
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

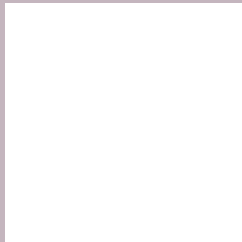
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5012, 0.3184, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 48.5012, 0.3184, 0.3178.



This preview shows how white text looks on a background with the Yxy color 48.5012, 0.3184, 0.3178.

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

48.5012, 0.3184, 0.3178

Protanopia

48.5259, 0.3082, 0.3188

Deuteranopia

48.3754, 0.3229, 0.3155



Tritanopia

48.4079, 0.3161, 0.3117

Trichromacy



Original Color

48.5012, 0.3184, 0.3178

Protanomaly

48.5757, 0.3123, 0.3189

Deuteranomaly

48.5023, 0.3210, 0.3167

Tritanomaly

48.3631, 0.3169, 0.3129

Monochromacy



Original Color

48.5012, 0.3184, 0.3178

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2759, 0.3146, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5012, 0.3184, 0.3178 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(196, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 190)  
}
```

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(196, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.5012, 0.3184, 0.3178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

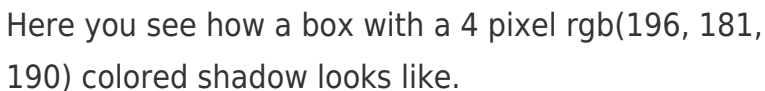
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 181, 190) }
```

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

```
.border{ border-color:rgb(196, 181, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 181, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 181, 190); box-shadow:4px 4px 4px 4px rgb(196, 181, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5012, 0.3184, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 190) }
```

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

```
.background{ background-color: rgb(196,  
181, 190) }
```

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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