

Converting Colors

$Yxy(50.9319, 0.3360, 0.3277)$

Have a look what the booklet for
Yxy(50.9319, 0.3360, 0.3277)
contains.

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Color

Yxy(51.1765, 0.3360, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D3B7B8
RGB	211, 183, 184
RGB Percent	83%, 72%, 72%
CMY	0.1727, 0.2823, 0.2785
CMYK	0.00, 0.13, 0.13, 0.17
HSL	358°, 24%, 77%
HSV	358°, 13%, 83%
XYZ	52.4407, 51.1765, 52.4563
YIQ	191.4860, 16.3670, 6.2470

Conversions

Conversions Part 2

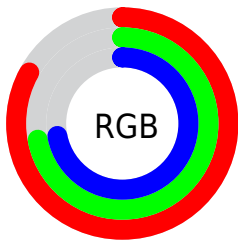
Format	Color
R _Y B	211, 183, 184
Decimal	13875128
CIE Lab	76.79, 10.15, 3.19
CIE LCh	77, 10.641, 17.438
Yxy	51.1765, 0.3360, 0.3279
Android (android.graphics.Color)	4292065208 (0xFFD3B7B8)
YUV	191.4860, -3.6906, 17.1138
Hunter-Lab	71.5378, 5.6582, 6.6010

Details

The Yxy color $51.1765, 0.3360, 0.3279$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.2934, 0.2933, 0.3301$, and the grayscale version is $52.4109, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.2843, 0.3227, 0.3281$, and $24.6719, 0.3423, 0.3275$ is the 20% darker color. If you saturate the color by 10%, you get $42.3240, 0.3587, 0.3270$, and if you desaturate by 10%, it is $61.4609, 0.3178, 0.3287$.

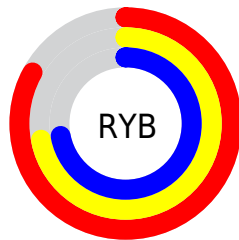
Distribution



Red (83%)

Green (72%)

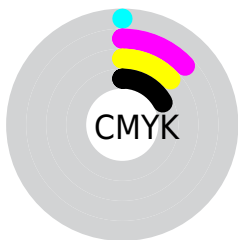
Blue (72%)



Red (83%)

Yellow (72%)

Blue (72%)

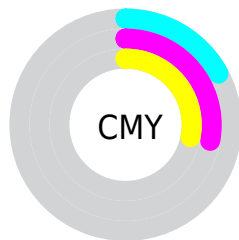


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (17%)



Cyan (17%)


Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1765, 0.3360, 0.3279 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 51.1765, 0.3360, 0.3279 by changing the saturation by 10% instead.


 51.1765, 0.3360,
0.3279

 51.1765, 0.3360,
0.3279

391.2491, 0.3245,
0.3285

 36.3491, 0.3388,
0.3277


 91.9156, 0.3318,
0.3281

 24.7039, 0.3425,
0.3275


118.5961, 0.3303,
0.3282

 15.8566, 0.3472,
0.3271


149.9964, 0.3289,
0.3283

 9.4227, 0.3539,
0.3266

186.5010, 0.3278,
0.3284

 5.0179, 0.3636,
0.3257

228.4941, 0.3268,
0.3284

 2.2578, 0.3794,
0.3241

276.3603, 0.3259,

 0.7512, 0.4182,

0.3285

0.3247

330.4838, 0.3252,
0.3285

0.0000, 0.0000,
0.0000

51.1765, 0.3360,
0.3279

51.1765, 0.3360,
0.3279

42.3240, 0.3587,
0.3270

61.4609, 0.3178,
0.3287

34.8334, 0.3870,
0.3261

73.2294, 0.3032,
0.3295

28.6393, 0.4215,
0.3253

86.5402, 0.2915,
0.3302

23.6681, 0.4625,
0.3248

92.5837, 0.2866,
0.3289

19.8388, 0.5084,
0.3246

■ 17.0607, 0.5553,
0.3249

■ 15.2294, 0.5967,
0.3260

■ 14.2189, 0.6256,
0.3276

■ 13.8598, 0.6370,
0.3283

Harmonies

Analogous

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



51.1765, 0.3245, 0.3161



51.1765, 0.3360, 0.3279



51.1765, 0.3411, 0.3402

Triad

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



51.1765, 0.3360, 0.3279



51.1765, 0.3149, 0.3516



51.1765, 0.2875, 0.3078

Complementary

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



51.1765, 0.3360, 0.3279



61.2934, 0.2933, 0.3301

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.



51.1765, 0.2851, 0.3168



51.1765, 0.3360, 0.3279



51.1765, 0.3007, 0.3424

Square

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



51.1765, 0.3360, 0.3279



51.1765, 0.3288, 0.3543



51.1765, 0.2899, 0.3295



51.1765, 0.2965, 0.3046

Rectangle

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



51.1765, 0.3360, 0.3279



51.1765, 0.3402, 0.3472



51.1765, 0.2899, 0.3295



51.1765, 0.2859, 0.3102

Sweetspot

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



51.1788, 0.3360, 0.3279



93.0459, 0.3191, 0.3287



52.2144, 0.3131, 0.2964



19.6447, 0.3204, 0.3286



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.



51.1788, 0.3360, 0.3279



74.3927, 0.3421, 0.3277



56.5605, 0.3348, 0.3440



11.8148, 0.3285, 0.3282



8.3706, 0.6360, 0.3277



0.4704, 0.6228, 0.3204

Inverse Universe

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



51.1788, 0.3360, 0.3279



74.3927, 0.3421, 0.3277



55.3373, 0.2922, 0.3136



11.8148, 0.3285, 0.3282



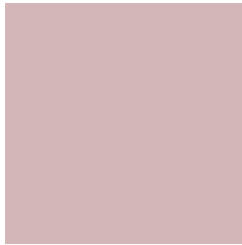
8.3706, 0.6360, 0.3277



0.4704, 0.6228, 0.3204

Previews

White Background



This preview shows how the Yxy color 51.1765, 0.3360, 0.3279 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 51.1765, 0.3360, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

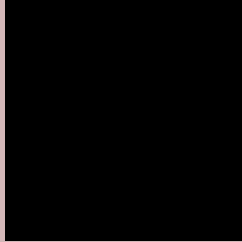
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1765, 0.3360, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 51.1765, 0.3360, 0.3279.



This preview shows how white text looks on a background with the Yxy color 51.1765, 0.3360, 0.3279.

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

51.1765, 0.3360, 0.3279

Protanopia

51.3205, 0.3176, 0.3315

Deuteranopia

51.0293, 0.3352, 0.3279



Tritanopia

50.9849, 0.3281, 0.3125

Trichromacy



Original Color

51.1765, 0.3360, 0.3279

Protanomaly

51.3652, 0.3244, 0.3303

Deuteranomaly

51.0293, 0.3352, 0.3279

Tritanomaly

51.2145, 0.3312, 0.3184

Monochromacy



Original Color

51.1765, 0.3360, 0.3279

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6030, 0.3210, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1765, 0.3360, 0.3279 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(211, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(211, 183, 184)  
}
```

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(211, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 183, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.1765, 0.3360, 0.3279 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(211, 183, 184) }
```

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

```
.border{ border-color:rgb(211, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(211, 183,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1765, 0.3360, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 183, 184) }
```

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

```
.background{ background-color: rgb(211,  
183, 184) }
```

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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