

Converting Colors

$Yxy(46.7890, 0.3319, 0.3263)$

Have a look what the booklet for
Yxy(46.7890, 0.3319, 0.3263)
contains.

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Color

Yxy(46.5847, 0.3316, 0.3253)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C8B0B3 |
| RGB | 200, 176, 179 |
| RGB Percent | 78%, 69%, 70% |
| CMY | 0.2156, 0.3098, 0.2981 |
| CMYK | 0.00, 0.12, 0.11, 0.22 |
| HSL | 353°, 18%, 74% |
| HSV | 353°, 12%, 78% |
| XYZ | 47.4869, 46.5847, 49.1338 |
| YIQ | 183.5180, 13.3410, 6.0210 |

Conversions

Conversions Part 2

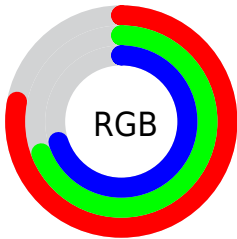
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 200, 176, 179 |
| Decimal | 13152435 |
| CIE Lab | 73.92, 9.15, 1.64 |
| CIE LCh | 74, 9.293, 10.141 |
| Yxy | 46.5847, 0.3316, 0.3253 |
| Android (android.graphics.Color) | 4291342515 (0xFFC8B0B3) |
| YUV | 183.5180, -2.2274, 14.4547 |
| Hunter-Lab | 68.2530, 4.7483, 5.0956 |

Details

The Yxy color $46.5847, 0.3316, 0.3253$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.5849, 0.2965, 0.3327$, and the grayscale version is $47.6628, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9714, 0.3266, 0.3261$, and $21.7833, 0.3377, 0.3240$ is the 20% darker color. If you saturate the color by 10%, you get $38.6483, 0.3515, 0.3220$, and if you desaturate by 10%, it is $55.7709, 0.3156, 0.3284$.

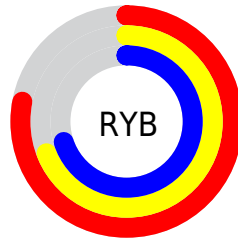
Distribution



Red (78%)

Green (69%)

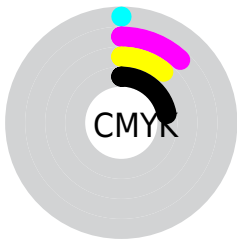
Blue (70%)



Red (78%)

Yellow (69%)

Blue (70%)

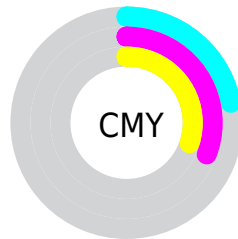


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5847, 0.3316, 0.3253 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 46.5847, 0.3316, 0.3253 by changing the saturation by 10% instead.

 46.5847, 0.3316,
0.3253

 46.5847, 0.3316,
0.3253


373.1544, 0.3221,
0.3272

 32.7075, 0.3340,
0.3248


 85.0934, 0.3282,
0.3260

 21.9024, 0.3370,
0.3242


110.4936, 0.3269,
0.3263

 13.7852, 0.3411,
0.3233


140.5036, 0.3258,
0.3265

 7.9714, 0.3469,
0.3221

175.5078, 0.3248,
0.3267

 4.0767, 0.3555,
0.3202

215.8906, 0.3240,
0.3268

 1.7165, 0.3699,
0.3169

262.0364, 0.3233,

 0.4343, 0.4452,

0.3270

0.3039

314.3295, 0.3227,
0.3271

0.0000, 0.0000,
0.0000

46.5847, 0.3316,
0.3253

46.5847, 0.3316,
0.3253

38.6483, 0.3515,
0.3220

55.7709, 0.3156,
0.3284

31.9019, 0.3762,
0.3186

66.2513, 0.3026,
0.3313

26.2898, 0.4063,
0.3154

78.0754, 0.2922,
0.3339

21.7497, 0.4424,
0.3127

90.6443, 0.2836,
0.3352

18.2131, 0.4836,
0.3110

91.0236, 0.2805,
0.3289

■ 15.6035, 0.5277,
0.3110

■ 13.8337, 0.5703,
0.3133

■ 12.7994, 0.6052,
0.3178

■ 12.3537, 0.6252,
0.3218

Harmonies

Analogous

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



46.5847, 0.3203, 0.3152



46.5847, 0.3316, 0.3253



46.5847, 0.3378, 0.3366

Triad

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



46.5847, 0.3316, 0.3253



46.5847, 0.3179, 0.3505



46.5847, 0.2888, 0.3114

Complementary

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



46.5847, 0.3316, 0.3253



54.5849, 0.2965, 0.3327

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.



46.5847, 0.2883, 0.3206



46.5847, 0.3316, 0.3253



46.5847, 0.3049, 0.3435

Square

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



46.5847, 0.3316, 0.3253



46.5847, 0.3298, 0.3514



46.5847, 0.2941, 0.3324



46.5847, 0.2957, 0.3072

Rectangle

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



46.5847, 0.3316, 0.3253



46.5847, 0.3382, 0.3433



46.5847, 0.2941, 0.3324



46.5847, 0.2879, 0.3140

Sweetspot

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



46.5868, 0.3316, 0.3253



93.1022, 0.3186, 0.3278



47.0671, 0.3113, 0.2995



19.6588, 0.3197, 0.3276



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.



46.5868, 0.3316, 0.3253



77.4484, 0.3356, 0.3246



50.0356, 0.3328, 0.3400



10.6581, 0.3270, 0.3261



7.8595, 0.6228, 0.3205



0.3795, 0.5779, 0.2957

Inverse Universe

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



46.5868, 0.3316, 0.3253



77.4484, 0.3356, 0.3246



50.7577, 0.2943, 0.3177



10.6581, 0.3270, 0.3261



7.8595, 0.6228, 0.3205



0.3795, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 46.5847, 0.3316, 0.3253 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 46.5847, 0.3316, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

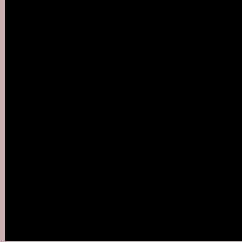
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5847, 0.3316, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 46.5847, 0.3316, 0.3253.



This preview shows how white text looks on a background with the Yxy color 46.5847, 0.3316, 0.3253.

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

46.5847, 0.3316, 0.3253

Protanopia

46.7394, 0.3153, 0.3277

Deuteranopia

46.5847, 0.3316, 0.3253



Tritanopia

46.7083, 0.3249, 0.3130

Trichromacy



Original Color

46.5847, 0.3316, 0.3253

Protanomaly

46.5235, 0.3207, 0.3265

Deuteranomaly

46.5847, 0.3316, 0.3253

Tritanomaly

46.5802, 0.3275, 0.3166

Monochromacy



Original Color

46.5847, 0.3316, 0.3253

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3723, 0.3197, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5847, 0.3316, 0.3253 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, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(200, 176, 179)  
}
```

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, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 176, 179) }
```

Border

The CSS property to change the border of an element to Yxy 46.5847, 0.3316, 0.3253 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, 176, 179) }
```

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

```
.border{ border-color:rgb(200, 176, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(200, 176,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5847, 0.3316, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 176, 179) }
```

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

```
.background{ background-color: rgb(200,  
176, 179) }
```

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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