

Converting Colors

$Yxy(47.4885, 0.3257, 0.3230)$

Have a look what the booklet for
Yxy(47.4885, 0.3257, 0.3230)
contains.

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Color

Yxy(47.6649, 0.3260, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C6B3B7
RGB	198, 179, 183
RGB Percent	78%, 70%, 72%
CMY	0.2235, 0.2980, 0.2822
CMYK	0.00, 0.10, 0.08, 0.22
HSL	347°, 14%, 74%
HSV	347°, 10%, 78%
XYZ	47.9591, 47.6649, 51.4899
YIQ	185.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

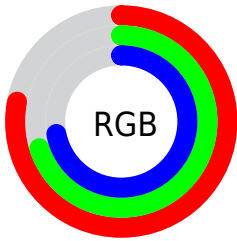
Format	Color
RYB	198, 179, 183
Decimal	13022135
CIELab	74.61, 7.49, 0.41
CIELCh	75, 7.497, 3.147
Yxy	47.6649, 0.3260, 0.3240
Android (android.graphics.Color)	4291212215 (0xFFC6B3B7)
YUV	185.1370, -1.0535, 11.2809
Hunter-Lab	69.0398, 3.1771, 4.1094

Details

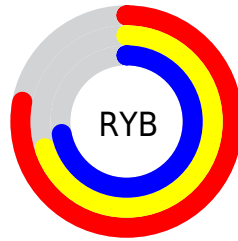
The Yxy color $47.6649, 0.3260, 0.3240$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.8670, 0.3009, 0.3341$, and the grayscale version is $48.5999, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9087, 0.3237, 0.3251$, and $22.4627, 0.3299, 0.3223$ is the 20% darker color. If you saturate the color by 10%, you get $39.6776, 0.3430, 0.3185$, and if you desaturate by 10%, it is $56.8680, 0.3122, 0.3292$.

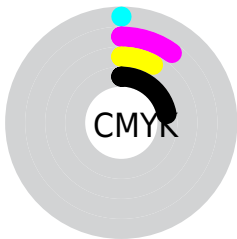
Distribution



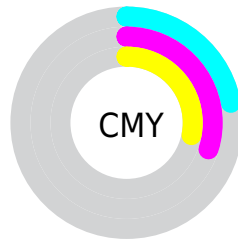
- Red (78%)
- Green (70%)
- Blue (72%)



- Red (78%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6649, 0.3260, 0.3240 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 47.6649, 0.3260, 0.3240 by changing the saturation by 10% instead.


 47.6649, 0.3260,
0.3240

 47.6649, 0.3260,
0.3240

377.4623, 0.3194,
0.3265

 33.5616, 0.3277,
0.3234


 86.7053, 0.3236,
0.3249

 22.5570, 0.3298,
0.3226


112.4111, 0.3227,
0.3253

 14.2668, 0.3326,
0.3215


142.7533, 0.3219,
0.3255

 8.3064, 0.3365,
0.3200

178.1161, 0.3213,
0.3258

 4.2916, 0.3424,
0.3177

218.8840, 0.3207,
0.3260

 1.8380, 0.3521,
0.3140

265.4415, 0.3202,

 0.5107, 0.3916,

0.3262

0.2993

318.1728, 0.3198,
0.3264

0.0000, 0.0000,
0.0000

47.6649, 0.3260,
0.3240

47.6649, 0.3260,
0.3240

39.6776, 0.3430,
0.3185

56.8680, 0.3122,
0.3292

32.8492, 0.3640,
0.3127

67.3283, 0.3010,
0.3340

27.1274, 0.3896,
0.3070

79.0929, 0.2919,
0.3384

22.4538, 0.4203,
0.3019

90.1448, 0.2843,
0.3390

18.7642, 0.4560,
0.2980

90.7462, 0.2794,
0.3289

■ 15.9875, 0.4956,
0.2963

■ 14.0431, 0.5363,
0.2977

■ 12.8359, 0.5738,
0.3028

■ 12.1953, 0.6041,
0.3105

Harmonies

Analogous

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



47.6649, 0.3164, 0.3163



47.6649, 0.3260, 0.3240



47.6649, 0.3321, 0.3331

Triad

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



47.6649, 0.3260, 0.3240



47.6649, 0.3193, 0.3468



47.6649, 0.2930, 0.3164

Complementary

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



47.6649, 0.3260, 0.3240



53.8670, 0.3009, 0.3341

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.



47.6649, 0.2937, 0.3244



47.6649, 0.3260, 0.3240



47.6649, 0.3089, 0.3422

Square

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



47.6649, 0.3260, 0.3240



47.6649, 0.3282, 0.3464



47.6649, 0.2995, 0.3340



47.6649, 0.2974, 0.3119

Rectangle

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



47.6649, 0.3260, 0.3240



47.6649, 0.3332, 0.3388



47.6649, 0.2995, 0.3340



47.6649, 0.2926, 0.3188

Sweetspot

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



47.6670, 0.3260, 0.3240



94.8337, 0.3166, 0.3275



47.7721, 0.3103, 0.3055



20.0102, 0.3177, 0.3270



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.



47.6670, 0.3260, 0.3240



80.5501, 0.3301, 0.3226



49.7019, 0.3286, 0.3358



10.6732, 0.3257, 0.3241



7.9268, 0.6021, 0.3091



0.3863, 0.5430, 0.2765

Inverse Universe

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



47.6670, 0.3260, 0.3240



80.5501, 0.3301, 0.3226



51.6328, 0.2980, 0.3221



10.6732, 0.3257, 0.3241



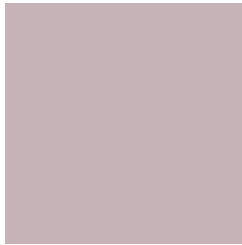
7.9268, 0.6021, 0.3091



0.3863, 0.5430, 0.2765

Previews

White Background



This preview shows how the Yxy color 47.6649, 0.3260, 0.3240 looks on a white background.

Color Contrast Check

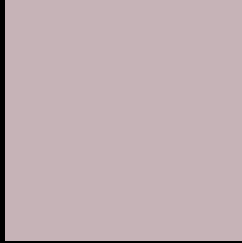
Large Text (above 18pt) WCAG AA × Fail

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 47.6649, 0.3260, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

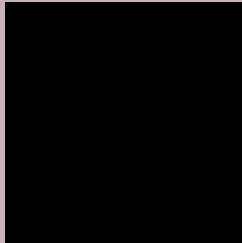
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

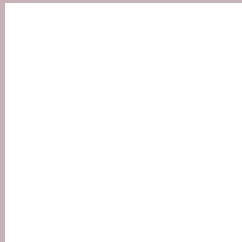
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6649, 0.3260, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 47.6649, 0.3260, 0.3240.



This preview shows how white text looks on a background with the Yxy color 47.6649, 0.3260, 0.3240.

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

47.6649, 0.3260, 0.3240

Protanopia

47.8089, 0.3137, 0.3264

Deuteranopia

47.6772, 0.3288, 0.3229



Tritanopia

47.7887, 0.3196, 0.3118

Trichromacy



Original Color

47.6649, 0.3260, 0.3240

Protanomaly

47.8637, 0.3180, 0.3265

Deuteranomaly

47.5390, 0.3279, 0.3228

Tritanomaly

47.6570, 0.3220, 0.3154

Monochromacy



Original Color

47.6649, 0.3260, 0.3240

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.2748, 0.3179, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6649, 0.3260, 0.3240 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(198, 179, 183)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 183)  
}
```

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(198, 179, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 183) }
```

Border

The CSS property to change the border of an element to Yxy 47.6649, 0.3260, 0.3240 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(198, 179, 183) }
```

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

```
.border{ border-color:rgb(198, 179, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 183);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6649, 0.3260, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 183) }
```

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

```
.background{ background-color: rgb(198,  
179, 183) }
```

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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