

Converting Colors

$Y_{xy}(43.7723, 0.3359, 0.3253)$

Have a look what the booklet for
Yxy(43.7723, 0.3359, 0.3253)
contains.

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Color

Yxy(43.7723, 0.3359, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C6AAAD
RGB	198, 170, 173
RGB Percent	78%, 67%, 68%
CMY	0.2236, 0.3333, 0.3217
CMYK	0.00, 0.14, 0.13, 0.22
HSL	354°, 20%, 72%
HSV	354°, 14%, 78%
XYZ	45.1986, 43.7723, 45.5889
YIQ	178.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

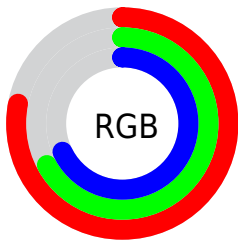
Format	Color
RYB	198, 170, 173
Decimal	13019821
CIELab	72.08, 10.63, 2.23
CIELCh	72, 10.864, 11.861
Yxy	43.7723, 0.3359, 0.3253
Android (android.graphics.Color)	4291209901 (0xFFC6AAAD)
YUV	178.7140, -2.8170, 16.9138
Hunter-Lab	66.1606, 6.1638, 5.4579

Details

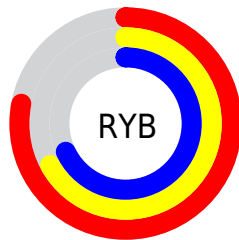
The Yxy color $43.7723, 0.3359, 0.3253$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $52.8642, 0.2935, 0.3328$, and the grayscale version is $44.9271, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7119, 0.3320, 0.3261$, and $20.2666, 0.3425, 0.3239$ is the 20% darker color. If you saturate the color by 10%, you get $36.2609, 0.3572, 0.3225$, and if you desaturate by 10%, it is $52.4962, 0.3188, 0.3280$.

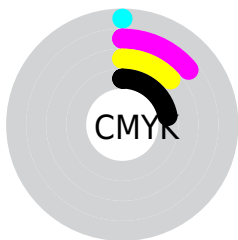
Distribution



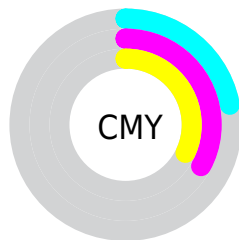
- Red (78%)
- Green (67%)
- Blue (68%)



- Red (78%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7723, 0.3359, 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 43.7723, 0.3359, 0.3253 by changing the saturation by 10% instead.


 43.7723, 0.3359,
0.3253

 43.7723, 0.3359,
0.3253


361.7783, 0.3241,
0.3273

 30.4915, 0.3389,
0.3248


 80.8750, 0.3316,
0.3260

 20.2120, 0.3428,
0.3241

105.4657, 0.3300,
0.3263

 12.5492, 0.3480,
0.3232

134.5952, 0.3286,
0.3265

 7.1189, 0.3554,
0.3218

168.6479, 0.3275,
0.3267

 3.5366, 0.3667,
0.3196

208.0082, 0.3265,
0.3269

 1.4179, 0.3862,
0.3156

253.0604, 0.3256,

 0.2298, 0.5960,

0.3270

0.2866

304.1890, 0.3248,
0.3271

0.0000, 0.0000,
0.0000

43.7723, 0.3359,
0.3253

43.7723, 0.3359,
0.3253

36.2609, 0.3572,
0.3225

52.4962, 0.3188,
0.3280

29.9027, 0.3835,
0.3197

62.4767, 0.3050,
0.3304

24.6423, 0.4156,
0.3170

73.7629, 0.2938,
0.3327

20.4175, 0.4537,
0.3149

86.3997, 0.2848,
0.3347

17.1599, 0.4966,
0.3138

90.7420, 0.2794,
0.3289

■ 14.7926, 0.5415,
0.3143

■ 13.2272, 0.5830,
0.3168

■ 12.3571, 0.6149,
0.3212

■ 12.0559, 0.6283,
0.3235

Harmonies

Analogous

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



43.7723, 0.3226, 0.3131



43.7723, 0.3359, 0.3253



43.7723, 0.3429, 0.3387

Triad

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



43.7723, 0.3359, 0.3253



43.7723, 0.3180, 0.3545



43.7723, 0.2846, 0.3075

Complementary

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



43.7723, 0.3359, 0.3253



52.8642, 0.2935, 0.3328

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.



43.7723, 0.2835, 0.3181



43.7723, 0.3359, 0.3253



43.7723, 0.3025, 0.3457

Square

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



43.7723, 0.3359, 0.3253



43.7723, 0.3324, 0.3559



43.7723, 0.2899, 0.3322



43.7723, 0.2930, 0.3029

Rectangle

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



43.7723, 0.3359, 0.3253



43.7723, 0.3430, 0.3466



43.7723, 0.2899, 0.3322



43.7723, 0.2833, 0.3105

Sweetspot

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



43.7743, 0.3359, 0.3253



93.0903, 0.3187, 0.3280



44.3956, 0.3115, 0.2942



19.6558, 0.3198, 0.3278



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.



43.7743, 0.3359, 0.3253



73.1423, 0.3421, 0.3244



47.8444, 0.3366, 0.3426



10.6549, 0.3273, 0.3266



7.8490, 0.6262, 0.3223



0.3780, 0.5863, 0.3004

Inverse Universe

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



43.7743, 0.3359, 0.3253



73.1423, 0.3421, 0.3244



48.2734, 0.2910, 0.3150



10.6549, 0.3273, 0.3266



7.8490, 0.6262, 0.3223



0.3780, 0.5863, 0.3004

Previews

White Background



This preview shows how the Yxy color 43.7723, 0.3359, 0.3253 looks on a white background.

Color Contrast Check

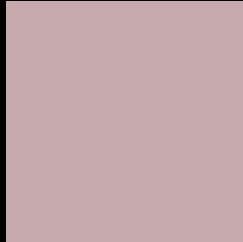
Large Text (above 18pt) WCAG AA × Fail

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 43.7723, 0.3359, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

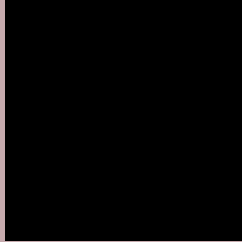
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7723, 0.3359, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 43.7723, 0.3359, 0.3253.



This preview shows how white text looks on a background with the Yxy color 43.7723, 0.3359, 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

43.7723, 0.3359, 0.3253

Protanopia

43.8886, 0.3162, 0.3290

Deuteranopia

43.7451, 0.3330, 0.3265



Tritanopia

43.8954, 0.3290, 0.3127

Trichromacy



Original Color

43.7723, 0.3359, 0.3253

Protanomaly

43.9320, 0.3235, 0.3277

Deuteranomaly

43.8787, 0.3339, 0.3265

Tritanomaly

43.7727, 0.3317, 0.3164

Monochromacy



Original Color

43.7723, 0.3359, 0.3253

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6641, 0.3207, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7723, 0.3359, 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(198, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 170, 173)  
}
```

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, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 170, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.7723, 0.3359, 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(198, 170, 173) }
```

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

```
.border{ border-color:rgb(198, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 170,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7723, 0.3359, 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(198, 170, 173) }
```

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

```
.background{ background-color: rgb(198,  
170, 173) }
```

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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