

Converting Colors

$Y_{xy}(40.6495, 0.3380, 0.3254)$

Have a look what the booklet for
Yxy(40.6495, 0.3380, 0.3254)
contains.

| | |
|---|----|
| Yxy(40.6784, 0.3377, 0.3252) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(40.6784, 0.3377, 0.3252)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C1A4A7 |
| RGB | 193, 164, 167 |
| RGB Percent | 76%, 64%, 65% |
| CMY | 0.2431, 0.3568, 0.3452 |
| CMYK | 0.00, 0.15, 0.13, 0.24 |
| HSL | 354°, 19%, 70% |
| HSV | 354°, 15%, 76% |
| XYZ | 42.2420, 40.6784, 42.1669 |
| YIQ | 173.0130, 16.3210, 7.0810 |

Conversions

Conversions Part 2

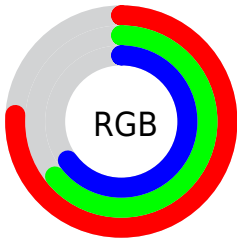
| Format | Color |
|-------------------------------------|--|
| RYB | 193, 164, 167 |
| Decimal | 12690599 |
| CIELab | 69.95, 11.09, 2.41 |
| CIElCh | 70, 11.352, 12.250 |
| Yxy | 40.6784, 0.3377, 0.3252 |
| Android (android.graphics.Color) | 4290880679 (0xFFC1A4A7) |
| YUV | 173.0130, -2.9644, 17.5286 |
| Hunter-Lab | 63.7796, 6.6083, 5.4470 |

Details

The Yxy color $40.6784, 0.3377, 0.3252$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.7575, 0.2922, 0.3329$, and the grayscale version is $41.8058, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.2610, 0.3332, 0.3260$, and $18.3151, 0.3453, 0.3237$ is the 20% darker color. If you saturate the color by 10%, you get $33.6894, 0.3595, 0.3225$, and if you desaturate by 10%, it is $48.8053, 0.3202, 0.3278$.

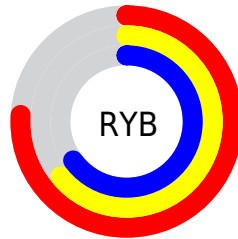
Distribution



Red (76%)

Green (64%)

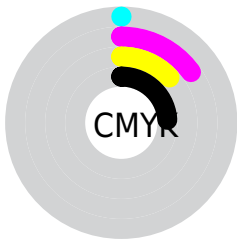
Blue (65%)



Red (76%)

Yellow (64%)

Blue (65%)

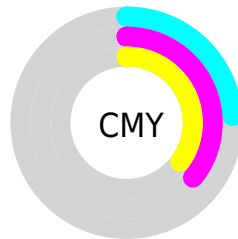


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6784, 0.3377, 0.3252 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 40.6784, 0.3377, 0.3252 by changing the saturation by 10% instead.


 40.6784, 0.3377,
0.3252


 40.6784, 0.3377,
0.3252


348.9747, 0.3249,
0.3272

 28.0679, 0.3410,
0.3246


 76.1955, 0.3330,
0.3260

 18.3768, 0.3453,
0.3239


 99.8708, 0.3312,
0.3263

 11.2209, 0.3512,
0.3229


128.0032, 0.3297,
0.3265

 6.2156, 0.3597,
0.3214

160.9770, 0.3285,
0.3267

 2.9766, 0.3729,
0.3188

199.1767, 0.3274,
0.3269

 1.1195, 0.3964,
0.3140

242.9866, 0.3264,

 0.0000, 1.0000,

0.3270

0.0000

292.7911, 0.3256,
0.3271

0.0000, 0.0000,
0.0000

40.6784, 0.3377,
0.3252

40.6784, 0.3377,
0.3252

33.6894, 0.3595,
0.3225

48.8053, 0.3202,
0.3278

27.7825, 0.3863,
0.3198

58.1119, 0.3061,
0.3302

22.9050, 0.4190,
0.3173

68.6449, 0.2947,
0.3323

18.9980, 0.4577,
0.3153

80.4463, 0.2855,
0.3343

15.9966, 0.5010,
0.3144

89.9904, 0.2775,
0.3304

■ 13.8276, 0.5458,
0.3151

■ 90.0788, 0.2768,
0.3289

■ 12.4070, 0.5867,
0.3176

■ 11.6325, 0.6175,
0.3219

■ 11.3883, 0.6286,
0.3237

Harmonies

Analogous

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



40.6784, 0.3235, 0.3122



40.6784, 0.3377, 0.3252



40.6784, 0.3451, 0.3395

Triad

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



40.6784, 0.3377, 0.3252



40.6784, 0.3181, 0.3563



40.6784, 0.2827, 0.3059

Complementary

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



40.6784, 0.3377, 0.3252



49.7575, 0.2922, 0.3329

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.



40.6784, 0.2814, 0.3171



40.6784, 0.3377, 0.3252



40.6784, 0.3015, 0.3467

Square

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



40.6784, 0.3377, 0.3252



40.6784, 0.3336, 0.3579



40.6784, 0.2882, 0.3322



40.6784, 0.2918, 0.3011

Rectangle

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



40.6784, 0.3377, 0.3252



40.6784, 0.3451, 0.3480



40.6784, 0.2882, 0.3322



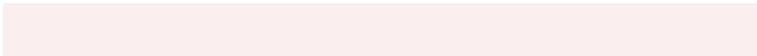
40.6784, 0.2813, 0.3090

Sweetspot

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



40.6802, 0.3377, 0.3252



87.3218, 0.3203, 0.3278



41.3025, 0.3114, 0.2920



18.4978, 0.3214, 0.3276



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.6802, 0.3377, 0.3252



68.5576, 0.3443, 0.3243



44.7275, 0.3383, 0.3435



10.0942, 0.3273, 0.3267



7.5794, 0.6267, 0.3226



0.3332, 0.5856, 0.2999

Inverse Universe

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



40.6802, 0.3377, 0.3252



68.5576, 0.3443, 0.3243



45.1553, 0.2896, 0.3141



10.0942, 0.3273, 0.3267



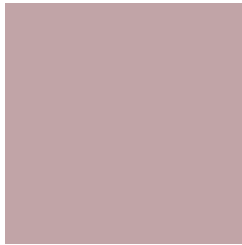
7.5794, 0.6267, 0.3226



0.3332, 0.5856, 0.2999

Previews

White Background



This preview shows how the Yxy color 40.6784, 0.3377, 0.3252 looks on a white background.

Color Contrast Check

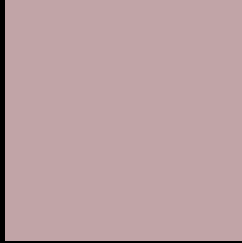
Large Text (above 18pt) WCAG AA × Fail

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 40.6784, 0.3377, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

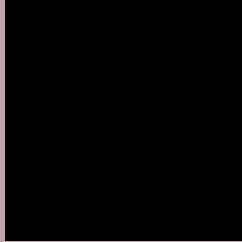
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6784, 0.3377, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 40.6784, 0.3377, 0.3252.



This preview shows how white text looks on a background with the Yxy color 40.6784, 0.3377, 0.3252.

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

40.6784, 0.3377, 0.3252

Protanopia

40.6884, 0.3155, 0.3276

Deuteranopia

40.5191, 0.3336, 0.3264



Tritanopia

40.7589, 0.3314, 0.3135

Trichromacy



Original Color

40.6784, 0.3377, 0.3252

Protanomaly

40.7313, 0.3230, 0.3263

Deuteranomaly

40.6474, 0.3346, 0.3264

Tritanomaly

40.6423, 0.3342, 0.3174

Monochromacy



Original Color

40.6784, 0.3377, 0.3252

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3930, 0.3210, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6784, 0.3377, 0.3252 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(193, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 167)  
}
```

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(193, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 167) }
```

Border

The CSS property to change the border of an element to Yxy 40.6784, 0.3377, 0.3252 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(193, 164, 167) }
```

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

```
.border{ border-color:rgb(193, 164, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6784, 0.3377, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 167) }
```

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

```
.background{ background-color: rgb(193,  
164, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor