

Converting Colors

$Y_{xy}(40.0440, 0.3304, 0.3355)$

Have a look what the booklet for
Yxy(40.0440, 0.3304, 0.3355)
contains.

Yxy(40.0698, 0.3302, 0.3359)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.0698, 0.3302, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	B5A7A2
RGB	181, 167, 162
RGB Percent	71%, 65%, 64%
CMY	0.2903, 0.3450, 0.3648
CMYK	0.00, 0.08, 0.10, 0.29
HSL	16°, 11%, 67%
HSV	16°, 10%, 71%
XYZ	39.3898, 40.0698, 39.8312
YIQ	170.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

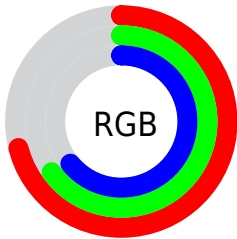
Format	Color
RYB	181, 169, 162
Decimal	11904930
CIELab	69.52, 4.16, 4.41
CIELCh	70, 6.063, 46.650
Yxy	40.0698, 0.3302, 0.3359
Android (android.graphics.Color)	4290095010 (0xFFB5A7A2)
YUV	170.6160, -4.2477, 9.1068
Hunter-Lab	63.3007, 0.2981, 7.0030

Details

The Yxy color **40.0698, 0.3302, 0.3359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0403, 0.2968, 0.3220**, and the grayscale version is **40.5388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2568, 0.3268, 0.3343**, and **17.9765, 0.3361, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **34.8482, 0.3502, 0.3429**, and if you desaturate by 10%, it is **45.8887, 0.3135, 0.3293**.

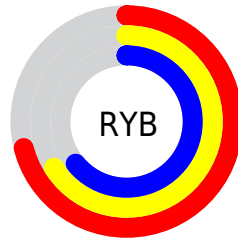
Distribution



Red (71%)

Green (65%)

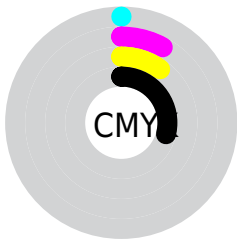
Blue (64%)



Red (71%)

Yellow (66%)

Blue (64%)

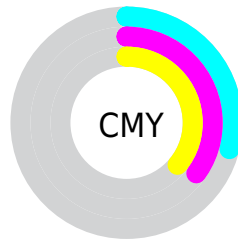


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0698, 0.3302, 0.3359 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 40.0698, 0.3302, 0.3359 by changing the saturation by 10% instead.


 40.0698, 0.3302,
0.3359


 40.0698, 0.3302,
0.3359


346.4177, 0.3212,
0.3324

 27.5930, 0.3325,
0.3368


 75.2698, 0.3269,
0.3346

 18.0191, 0.3356,
0.3379


 98.7617, 0.3256,
0.3342

 10.9637, 0.3397,
0.3394


126.6942, 0.3246,
0.3338

 6.0424, 0.3458,
0.3416

159.4515, 0.3237,
0.3334

 2.8709, 0.3552,
0.3448

197.4181, 0.3230,
0.3331

 1.0647, 0.3727,
0.3508

240.9785, 0.3223,

 0.0000, 1.0000,

0.3329

0.0000

290.5168, 0.3217,
0.3326

0.0000, 0.0000,
0.0000

40.0698, 0.3302,
0.3359

40.0698, 0.3302,
0.3359

34.8482, 0.3502,
0.3429

45.8887, 0.3135,
0.3293

30.1996, 0.3739,
0.3502

52.3178, 0.2994,
0.3232

26.1058, 0.4017,
0.3574

59.3761, 0.2877,
0.3176

22.5455, 0.4339,
0.3640

67.0802, 0.2777,
0.3126

19.4961, 0.4698,
0.3692

75.4463, 0.2693,
0.3080

■ 16.9332, 0.5080,
0.3719

■ 83.4464, 0.2696,
0.3200

■ 14.8306, 0.5456,
0.3711

■ 88.5603, 0.2706,
0.3289

■ 13.1588, 0.5787,
0.3661

■ 11.9326, 0.6041,
0.3585

Harmonies

Analogous

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



40.0698, 0.3269, 0.3282



40.0698, 0.3302, 0.3359



40.0698, 0.3287, 0.3419

Triad

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



40.0698, 0.3302, 0.3359



40.0698, 0.3056, 0.3374



40.0698, 0.3025, 0.3138

Complementary

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



40.0698, 0.3302, 0.3359



42.0403, 0.2968, 0.3220

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.



40.0698, 0.2969, 0.3160



40.0698, 0.3302, 0.3359



40.0698, 0.2987, 0.3296

Square

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



40.0698, 0.3302, 0.3359



40.0698, 0.3144, 0.3429



40.0698, 0.2956, 0.3217



40.0698, 0.3109, 0.3156

Rectangle

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



40.0698, 0.3302, 0.3359



40.0698, 0.3252, 0.3441



40.0698, 0.2956, 0.3217



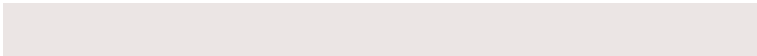
40.0698, 0.3003, 0.3141

Sweetspot

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



40.0716, 0.3302, 0.3359



79.4470, 0.3175, 0.3310



38.7978, 0.3181, 0.3099



16.9874, 0.3188, 0.3315



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.0716, 0.3302, 0.3359



69.1396, 0.3353, 0.3378



43.5669, 0.3288, 0.3482



8.8596, 0.3281, 0.3351



8.3282, 0.6019, 0.3603



0.3598, 0.5466, 0.4042

Inverse Universe

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



42.0403, 0.2968, 0.3220



73.4997, 0.2926, 0.3201



38.5526, 0.2966, 0.3090



9.2427, 0.2986, 0.3228



13.9847, 0.2005, 0.2419



0.5293, 0.2081, 0.2690

Previews

White Background



This preview shows how the Yxy color 40.0698, 0.3302, 0.3359 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 40.0698, 0.3302, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

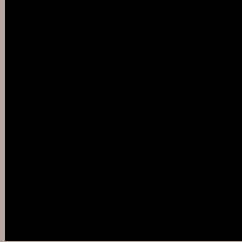
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0698, 0.3302, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 40.0698, 0.3302, 0.3359.



This preview shows how white text looks on a background with the Yxy color 40.0698, 0.3302, 0.3359.

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

40.0698, 0.3302, 0.3359

Protanopia

40.0189, 0.3225, 0.3373

Deuteranopia

40.0141, 0.3375, 0.3304



Tritanopia

40.1919, 0.3182, 0.3117

Trichromacy



Original Color

40.0698, 0.3302, 0.3359

Protanomaly

39.9967, 0.3254, 0.3359

Deuteranomaly

39.9937, 0.3344, 0.3317

Tritanomaly

40.1961, 0.3224, 0.3210

Monochromacy



Original Color

40.0698, 0.3302, 0.3359

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6906, 0.3190, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0698, 0.3302, 0.3359 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(181, 167, 162)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 162)  
}
```

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(181, 167, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 162) }
```

Border

The CSS property to change the border of an element to Yxy 40.0698, 0.3302, 0.3359 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(181, 167, 162) }
```

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

```
.border{ border-color:rgb(181, 167, 162) }
```

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

Here you see how a box with a 4 pixel rgb(181, 167, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 162);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0698, 0.3302, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 162) }
```

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

```
.background{ background-color: rgb(181,  
167, 162) }
```

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