

Converting Colors

$Y_{xy}(40.8262, 0.3242, 0.3360)$

Have a look what the booklet for
Yxy(40.8262, 0.3242, 0.3360)
contains.

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Color

Yxy(40.9310, 0.3243, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	B2AAA5
RGB	178, 170, 165
RGB Percent	70%, 67%, 65%
CMY	0.3021, 0.3333, 0.3530
CMYK	0.00, 0.04, 0.07, 0.30
HSL	23°, 8%, 67%
HSV	23°, 7%, 70%
XYZ	39.5175, 40.9310, 41.4062
YIQ	171.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

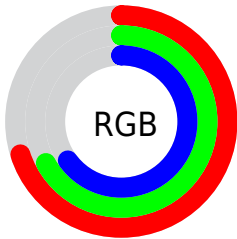
Format	Color
RYB	178, 173, 165
Decimal	11709093
CIELab	70.13, 1.94, 3.60
CIELCh	70, 4.088, 61.632
Yxy	40.9310, 0.3243, 0.3359
Android (android.graphics.Color)	4289899173 (0xFFB2AAA5)
YUV	171.8220, -3.3632, 5.4181
Hunter-Lab	63.9773, -1.7046, 6.4116

Details

The Yxy color **40.9310, 0.3243, 0.3359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0665, 0.3017, 0.3220**, and the grayscale version is **41.1728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5102, 0.3223, 0.3343**, and **18.5091, 0.3277, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **36.4145, 0.3425, 0.3459**, and if you desaturate by 10%, it is **45.8793, 0.3087, 0.3265**.

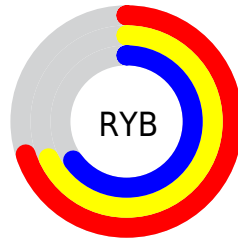
Distribution



Red (70%)

Green (67%)

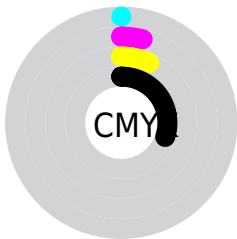
Blue (65%)



Red (70%)

Yellow (68%)

Blue (65%)

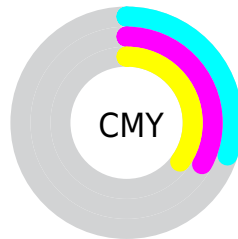


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (30%)



Cyan (30%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9310, 0.3243, 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 40.9310, 0.3243, 0.3359 by changing the saturation by 10% instead.


 40.9310, 0.3243,
0.3359

 40.9310, 0.3243,
0.3359


350.0321, 0.3184,
0.3324

 28.2652, 0.3258,
0.3368


 76.5791, 0.3221,
0.3346

 18.5256, 0.3278,
0.3379


 100.3302, 0.3213,
0.3341

 11.3280, 0.3305,
0.3395


128.5452, 0.3206,
0.3337

 6.2879, 0.3344,
0.3417

161.6085, 0.3200,
0.3334

 3.0209, 0.3405,
0.3451

199.9044, 0.3195,
0.3331

 1.1427, 0.3512,
0.3510

243.8174, 0.3191,

 0.0141, 0.8116,

0.3328

0.1884

293.7318, 0.3187,
0.3326

0.0000, 0.0000,
0.0000

40.9310, 0.3243,
0.3359

40.9310, 0.3243,
0.3359

36.4145, 0.3425,
0.3459

45.8793, 0.3087,
0.3265

32.3126, 0.3635,
0.3563

51.2654, 0.2954,
0.3178

28.6146, 0.3878,
0.3668

57.1020, 0.2840,
0.3099

25.3075, 0.4152,
0.3769

63.3995, 0.2742,
0.3026

22.3775, 0.4455,
0.3857

70.1682, 0.2657,
0.2959

■ 19.8097, 0.4777,
0.3920

■ 76.2911, 0.2666,
0.3072

■ 17.5882, 0.5101,
0.3947

■ 82.7291, 0.2680,
0.3193

■ 15.6956, 0.5402,
0.3927

■ 88.1999, 0.2691,
0.3289

■ 14.1104, 0.5658,
0.3858

Harmonies

Analogous

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



40.9310, 0.3237, 0.3311



40.9310, 0.3243, 0.3359



40.9310, 0.3218, 0.3389

Triad

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



40.9310, 0.3243, 0.3359



40.9310, 0.3054, 0.3321



40.9310, 0.3085, 0.3191

Complementary

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



40.9310, 0.3243, 0.3359



41.0665, 0.3017, 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.



40.9310, 0.3037, 0.3192



40.9310, 0.3243, 0.3359



40.9310, 0.3019, 0.3267

Square

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



40.9310, 0.3243, 0.3359



40.9310, 0.3108, 0.3367



40.9310, 0.3013, 0.3220



40.9310, 0.3145, 0.3215

Rectangle

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



40.9310, 0.3243, 0.3359



40.9310, 0.3187, 0.3394



40.9310, 0.3013, 0.3220



40.9310, 0.3067, 0.3188

Sweetspot

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



40.9328, 0.3243, 0.3359



78.8882, 0.3158, 0.3309



39.3805, 0.3179, 0.3182



17.4991, 0.3157, 0.3308



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.



40.9328, 0.3243, 0.3359



72.6816, 0.3275, 0.3377



43.4006, 0.3235, 0.3445



9.0283, 0.3278, 0.3379



9.9417, 0.5705, 0.3852



0.4280, 0.5187, 0.4263

Inverse Universe

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



41.0665, 0.3017, 0.3220



72.9824, 0.2988, 0.3201



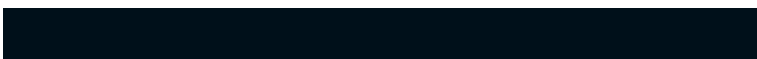
38.6634, 0.3017, 0.3130



9.0664, 0.2986, 0.3200



10.2341, 0.1885, 0.1985



0.4312, 0.1997, 0.2390

Previews

White Background



This preview shows how the Yxy color 40.9310, 0.3243, 0.3359 looks on a white background.

Color Contrast Check

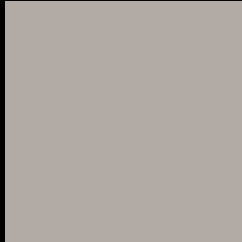
Large Text (above 18pt) WCAG AA × Fail

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 40.9310, 0.3243, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

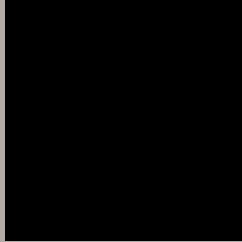
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9310, 0.3243, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 40.9310, 0.3243, 0.3359.



This preview shows how white text looks on a background with the Yxy color 40.9310, 0.3243, 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

40.9310, 0.3243, 0.3359

Protanopia

41.0725, 0.3224, 0.3372

Deuteranopia

40.9728, 0.3353, 0.3291



Tritanopia

41.0448, 0.3126, 0.3117

Trichromacy



Original Color

40.9310, 0.3243, 0.3359

Protanomaly

41.1895, 0.3233, 0.3372

Deuteranomaly

40.8297, 0.3314, 0.3304

Tritanomaly

41.0548, 0.3167, 0.3209

Monochromacy



Original Color

40.9310, 0.3243, 0.3359

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9891, 0.3171, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9310, 0.3243, 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(178, 170, 165)` looks like.

```
.text, #text, p{  
    color:rgb(178, 170, 165)  
}
```

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(178, 170, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 170, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.9310, 0.3243, 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(178, 170, 165) }
```

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

```
.border{ border-color:rgb(178, 170, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 170, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 170, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 170, 165);  
box-shadow:4px 4px 4px 4px rgb(178, 170,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9310, 0.3243, 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(178, 170, 165) }
```

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

```
.background{ background-color: rgb(178,  
170, 165) }
```

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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