

Converting Colors

$Yxy(40.5082, 0.33339, 0.33355)$

Have a look what the booklet for
Yxy(40.5082, 0.3339, 0.3355)
contains.

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Color

Yxy(40.5604, 0.3340, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	B9A7A2
RGB	185, 167, 162
RGB Percent	73%, 65%, 64%
CMY	0.2746, 0.3450, 0.3647
CMYK	0.00, 0.10, 0.12, 0.27
HSL	13°, 14%, 68%
HSV	13°, 12%, 73%
XYZ	40.3430, 40.5604, 39.8840
YIQ	171.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

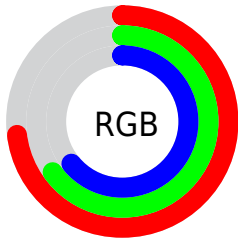
Format	Color
RYB	185, 168, 162
Decimal	12167074
CIELab	69.87, 5.65, 4.95
CIELCh	70, 7.506, 41.211
Yxy	40.5604, 0.3340, 0.3358
Android (android.graphics.Color)	4290357154 (0xFFB9A7A2)
YUV	171.8120, -4.8373, 11.5659
Hunter-Lab	63.6870, 1.6197, 7.4506

Details

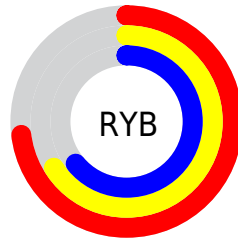
The Yxy color **40.5604, 0.3340, 0.3358** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8090, 0.2939, 0.3221**, and the grayscale version is **41.1746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9531, 0.3297, 0.3343**, and **18.2928, 0.3415, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **34.9462, 0.3551, 0.3417**, and if you desaturate by 10%, it is **46.8674, 0.3165, 0.3303**.

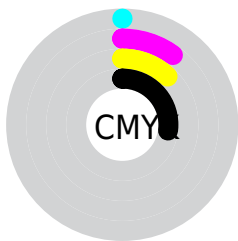
Distribution



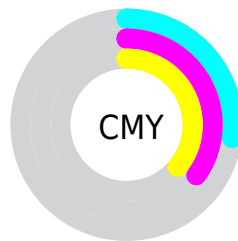
- Red (73%)
- Green (65%)
- Blue (64%)



- Red (73%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (27%)




- Cyan (27%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.5604, 0.3340, 0.3358 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 40.5604, 0.3340, 0.3358 by changing the saturation by 10% instead.


 40.5604, 0.3340,
0.3358


 40.5604, 0.3340,
0.3358


348.4799, 0.3231,
0.3324

 27.9758, 0.3368,
0.3366


 76.0161, 0.3300,
0.3346

 18.3074, 0.3405,
0.3377


 99.6560, 0.3285,
0.3341

 11.1709, 0.3456,
0.3392


127.7497, 0.3272,
0.3337

 6.1819, 0.3528,
0.3411

160.6817, 0.3261,
0.3334

 2.9560, 0.3642,
0.3441

198.8363, 0.3252,
0.3331

 1.1088, 0.3850,
0.3493

242.5979, 0.3244,

 0.0000, 1.0000,

0.3328

0.0000

292.3510, 0.3237,
0.3326

0.0000, 0.0000,
0.0000

40.5604, 0.3340,
0.3358

40.5604, 0.3340,
0.3358

34.9462, 0.3551,
0.3417

46.8674, 0.3165,
0.3303

29.9958, 0.3803,
0.3477

53.8842, 0.3019,
0.3252

25.6861, 0.4101,
0.3536

61.6341, 0.2898,
0.3205

21.9904, 0.4447,
0.3588

70.1377, 0.2797,
0.3162

18.8802, 0.4832,
0.3626

79.4146, 0.2711,
0.3124

■ 16.3249, 0.5236,
0.3639

■ 88.2707, 0.2725,
0.3276

■ 14.2907, 0.5623,
0.3619

■ 89.0511, 0.2726,
0.3289

■ 12.7399, 0.5948,
0.3561

■ 11.8541, 0.6142,
0.3505

Harmonies

Analogous

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



40.5604, 0.3290, 0.3262



40.5604, 0.3340, 0.3358



40.5604, 0.3332, 0.3438

Triad

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



40.5604, 0.3340, 0.3358



40.5604, 0.3057, 0.3409



40.5604, 0.2986, 0.3104

Complementary

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



40.5604, 0.3340, 0.3358



43.8090, 0.2939, 0.3221

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.



40.5604, 0.2926, 0.3139



40.5604, 0.3340, 0.3358



40.5604, 0.2967, 0.3315

Square

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



40.5604, 0.3340, 0.3358



40.5604, 0.3168, 0.3470



40.5604, 0.2919, 0.3216



40.5604, 0.3084, 0.3118

Rectangle

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



40.5604, 0.3340, 0.3358



40.5604, 0.3295, 0.3471



40.5604, 0.2919, 0.3216



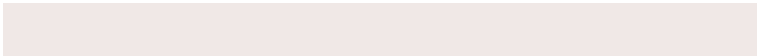
40.5604, 0.2961, 0.3111

Sweetspot

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



40.5622, 0.3340, 0.3358



82.0209, 0.3191, 0.3312



39.4465, 0.3185, 0.3052



17.4933, 0.3204, 0.3316



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.5622, 0.3340, 0.3358



69.7040, 0.3396, 0.3374



44.9456, 0.3321, 0.3509



9.3216, 0.3282, 0.3341



8.1645, 0.6122, 0.3521



0.3805, 0.5626, 0.3915

Inverse Universe

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



43.8090, 0.2939, 0.3221



76.7047, 0.2896, 0.3204



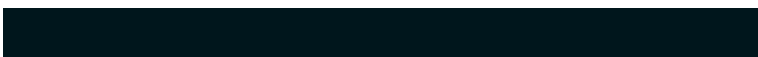
39.3764, 0.2935, 0.3061



9.8690, 0.2985, 0.3239



16.2054, 0.2050, 0.2581



0.6551, 0.2107, 0.2784

Previews

White Background



This preview shows how the Yxy color 40.5604, 0.3340, 0.3358 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 40.5604, 0.3340, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

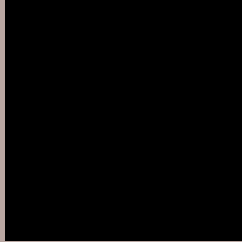
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5604, 0.3340, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 40.5604, 0.3340, 0.3358.



This preview shows how white text looks on a background with the Yxy color 40.5604, 0.3340, 0.3358.

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

40.5604, 0.3340, 0.3358

Protanopia

40.5437, 0.3224, 0.3373

Deuteranopia

40.4661, 0.3392, 0.3331



Tritanopia

40.6894, 0.3219, 0.3120

Trichromacy



Original Color

40.5604, 0.3340, 0.3358

Protanomaly

40.6040, 0.3271, 0.3372

Deuteranomaly

40.5724, 0.3371, 0.3344

Tritanomaly

40.6901, 0.3262, 0.3211

Monochromacy



Original Color

40.5604, 0.3340, 0.3358

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9237, 0.3208, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5604, 0.3340, 0.3358 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(185, 167, 162)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 167, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 162) }
```

Border

The CSS property to change the border of an element to Yxy 40.5604, 0.3340, 0.3358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

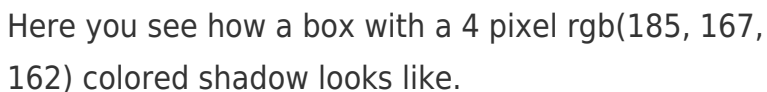
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 167, 162) }
```

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

```
.border{ border-color:rgb(185, 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(185, 167, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 167, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 167, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 167,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5604, 0.3340, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 167, 162) }
```

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

```
.background{ background-color: rgb(185,  
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](#).

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