

Converting Colors

$Y_{xy}(40.7693, 0.3242, 0.3203)$

Have a look what the booklet for
Yxy(40.7693, 0.3242, 0.3203)
contains.

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Color

Yxy(40.6039, 0.3243, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	B9A6AD
RGB	185, 166, 173
RGB Percent	73%, 65%, 68%
CMY	0.2745, 0.3490, 0.3215
CMYK	0.00, 0.10, 0.06, 0.27
HSL	338°, 12%, 69%
HSV	338°, 10%, 73%
XYZ	41.1881, 40.6039, 45.2142
YIQ	172.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

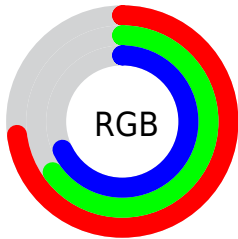
Format	Color
R_{YB}	185, 166, 173
Decimal	12166829
CIE Lab	69.90, 8.12, -1.11
CIE LCh	70, 8.196, 352.201
Yxy	40.6039, 0.3243, 0.3197
Android (android.graphics.Color)	4290356909 (0xFFB9A6AD)
YUV	172.4790, 0.2569, 10.9809
Hunter-Lab	63.7212, 3.8668, 2.5348

Details

The Yxy color **40.6039, 0.3243, 0.3197** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.0180, 0.3024, 0.3385**, and the grayscale version is **41.5070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0151, 0.3223, 0.3218**, and **18.3206, 0.3277, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **33.9244, 0.3381, 0.3101**, and if you desaturate by 10%, it is **48.2938, 0.3130, 0.3288**.

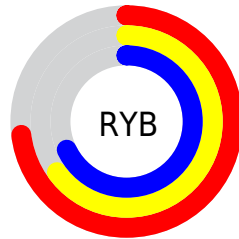
Distribution



Red (73%)

Green (65%)

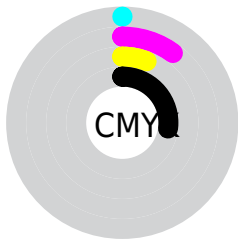
Blue (68%)



Red (73%)

Yellow (65%)

Blue (68%)

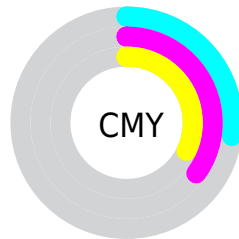


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6039, 0.3243, 0.3197 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 40.6039, 0.3243, 0.3197 by changing the saturation by 10% instead.


 40.6039, 0.3243,
0.3197


 40.6039, 0.3243,
0.3197


348.6624, 0.3184,
0.3244

 28.0097, 0.3258,
0.3185


 76.0822, 0.3221,
0.3214

 18.3330, 0.3278,
0.3169


 99.7352, 0.3213,
0.3221

 11.1893, 0.3305,
0.3148


127.8431, 0.3206,
0.3226

 6.1943, 0.3343,
0.3117

160.7906, 0.3201,
0.3231

 2.9636, 0.3403,
0.3071

198.9618, 0.3196,
0.3235

 1.1128, 0.3507,
0.2989

242.7412, 0.3191,

 0.0000, 0.7413,

0.3239

0.0000

292.5133, 0.3187,
0.3242

0.0000, 0.0000,
0.0000

40.6039, 0.3243,
0.3197

40.6039, 0.3243,
0.3197

33.9244, 0.3381,
0.3101

48.2938, 0.3130,
0.3288

28.2080, 0.3548,
0.3002

57.0284, 0.3037,
0.3372

23.4112, 0.3749,
0.2904

66.8470, 0.2961,
0.3450

19.4853, 0.3987,
0.2812

77.7852, 0.2899,
0.3521

16.3771, 0.4262,
0.2737

87.6221, 0.2845,
0.3549

■ 14.0274, 0.4568,
0.2690

■ 88.3043, 0.2785,
0.3419

■ 12.3689, 0.4892,
0.2682

■ 89.0313, 0.2728,
0.3293

■ 11.3223, 0.5211,
0.2724

■ 89.0541, 0.2726,
0.3289

■ 10.7363, 0.5500,
0.2804

Harmonies

Analogous

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



40.6039, 0.3124, 0.3120



40.6039, 0.3243, 0.3197



40.6039, 0.3331, 0.3298

Triad

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



40.6039, 0.3243, 0.3197



40.6039, 0.3244, 0.3501



40.6039, 0.2896, 0.3174

Complementary

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



40.6039, 0.3243, 0.3197



46.0180, 0.3024, 0.3385

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.



40.6039, 0.2927, 0.3277



40.6039, 0.3243, 0.3197



40.6039, 0.3127, 0.3468

Square

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



40.6039, 0.3243, 0.3197



40.6039, 0.3332, 0.3474



40.6039, 0.3011, 0.3385



40.6039, 0.2925, 0.3106

Rectangle

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



40.6039, 0.3243, 0.3197



40.6039, 0.3360, 0.3367



40.6039, 0.3011, 0.3385



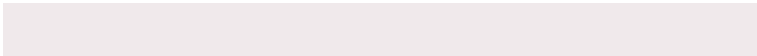
40.6039, 0.2900, 0.3206

Sweetspot

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



40.6057, 0.3243, 0.3197



82.4809, 0.3159, 0.3263



40.2077, 0.3073, 0.3037



17.5369, 0.3168, 0.3256



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.



40.6057, 0.3243, 0.3197



70.2805, 0.3268, 0.3179



41.1536, 0.3302, 0.3320



9.0657, 0.3231, 0.3206



7.3236, 0.5467, 0.2785



0.2703, 0.4757, 0.2394

Inverse Universe

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



40.6057, 0.3243, 0.3197



70.2805, 0.3268, 0.3179



45.3873, 0.2971, 0.3260



9.0657, 0.3231, 0.3206



7.3236, 0.5467, 0.2785



0.2703, 0.4757, 0.2394

Previews

White Background



This preview shows how the Yxy color 40.6039, 0.3243, 0.3197 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 40.6039, 0.3243, 0.3197 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 40.6039, 0.3243, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 40.6039, 0.3243, 0.3197.



This preview shows how white text looks on a background with the Yxy color 40.6039, 0.3243, 0.3197.

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

40.6039, 0.3243, 0.3197

Protanopia

40.7288, 0.3112, 0.3222

Deuteranopia

40.7287, 0.3253, 0.3198



Tritanopia

40.5637, 0.3210, 0.3119

Trichromacy



Original Color

40.6039, 0.3243, 0.3197

Protanomaly

40.7790, 0.3158, 0.3222

Deuteranomaly

40.7287, 0.3253, 0.3198

Tritanomaly

40.4840, 0.3227, 0.3145

Monochromacy



Original Color

40.6039, 0.3243, 0.3197

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0751, 0.3174, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6039, 0.3243, 0.3197 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, 166, 173)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 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(185, 166, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 173) }
```

Border

The CSS property to change the border of an element to Yxy 40.6039, 0.3243, 0.3197 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, 166, 173) }
```

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

```
.border{ border-color:rgb(185, 166, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6039, 0.3243, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 173) }
```

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

```
.background{ background-color: rgb(185,  
166, 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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