

Converting Colors

$Yxy(40.7666, 0.3244, 0.3184)$

Have a look what the booklet for
Yxy(40.7666, 0.3244, 0.3184)
contains.

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Color

Yxy(40.7675, 0.3244, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	BAA6AE
RGB	186, 166, 174
RGB Percent	73%, 65%, 68%
CMY	0.2706, 0.3490, 0.3178
CMYK	0.00, 0.11, 0.06, 0.27
HSL	336°, 13%, 69%
HSV	336°, 11%, 73%
XYZ	41.5227, 40.7675, 45.7082
YIQ	172.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

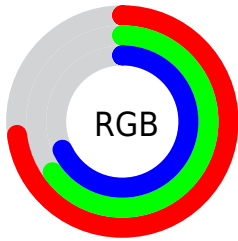
Format	Color
RYB	186, 166, 174
Decimal	12232366
CIELab	70.01, 8.65, -1.45
CIELCh	70, 8.767, 350.447
Yxy	40.7675, 0.3244, 0.3185
Android (android.graphics.Color)	4290422446 (0xFFBAA6AE)
YUV	172.8920, 0.5462, 11.4957
Hunter-Lab	63.8494, 4.3460, 2.2503

Details

The Yxy color $40.7675, 0.3244, 0.3185$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.4405, 0.3023, 0.3397$, and the grayscale version is $41.7248, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.2473, 0.3224, 0.3208$, and $18.4263, 0.3278, 0.3145$ is the 20% darker color. If you saturate the color by 10%, you get $34.0701, 0.3377, 0.3082$, and if you desaturate by 10%, it is $48.4829, 0.3135, 0.3283$.

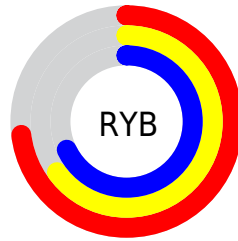
Distribution



Red (73%)

Green (65%)

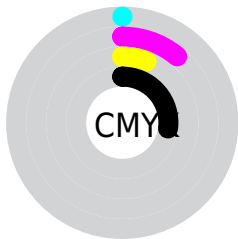
Blue (68%)



Red (73%)

Yellow (65%)

Blue (68%)

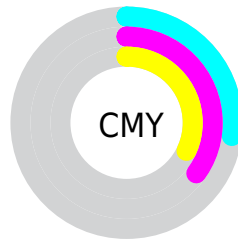


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7675, 0.3244, 0.3185 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 40.7675, 0.3244, 0.3185 by changing the saturation by 10% instead.


 40.7675, 0.3244,
0.3185


 40.7675, 0.3244,
0.3185

349.3479, 0.3184,
0.3238

 28.1375, 0.3259,
0.3171


 76.3308, 0.3222,
0.3205

 18.4293, 0.3279,
0.3154


 100.0329, 0.3214,
0.3212

 11.2586, 0.3306,
0.3130


128.1944, 0.3207,
0.3218

 6.2411, 0.3344,
0.3096

161.1998, 0.3201,
0.3223

 2.9922, 0.3404,
0.3044

199.4335, 0.3196,
0.3228

 1.1277, 0.3508,
0.2953

243.2798, 0.3192,

 0.0014, 0.6699,

0.3232

0.0044

293.1232, 0.3188,
0.3235

0.0000, 0.0000,
0.0000

40.7675, 0.3244,
0.3185

40.7675, 0.3244,
0.3185

34.0701, 0.3377,
0.3082

48.4829, 0.3135,
0.3283

28.3425, 0.3538,
0.2975

57.2509, 0.3045,
0.3374

23.5409, 0.3731,
0.2869

67.1114, 0.2971,
0.3458

19.6159, 0.3958,
0.2771

78.1003, 0.2910,
0.3535

16.5133, 0.4220,
0.2690

87.6682, 0.2857,
0.3564

■ 14.1730, 0.4511,
0.2638

■ 88.3172, 0.2800,
0.3439

■ 12.5266, 0.4818,
0.2627

■ 89.0074, 0.2744,
0.3317

■ 11.4930, 0.5121,
0.2667

■ 89.1788, 0.2731,
0.3289

■ 10.9341, 0.5387,
0.2741

Harmonies

Analogous

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



40.7675, 0.3116, 0.3106



40.7675, 0.3244, 0.3185



40.7675, 0.3341, 0.3292

Triad

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



40.7675, 0.3244, 0.3185



40.7675, 0.3259, 0.3515



40.7675, 0.2881, 0.3172

Complementary

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



40.7675, 0.3244, 0.3185



46.4405, 0.3023, 0.3397

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.



40.7675, 0.2917, 0.3283



40.7675, 0.3244, 0.3185



40.7675, 0.3134, 0.3484

Square

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



40.7675, 0.3244, 0.3185



40.7675, 0.3350, 0.3483



40.7675, 0.3009, 0.3398



40.7675, 0.2908, 0.3096

Rectangle

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



40.7675, 0.3244, 0.3185



40.7675, 0.3375, 0.3366



40.7675, 0.3009, 0.3398



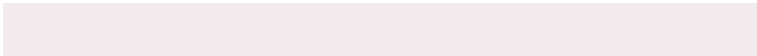
40.7675, 0.2886, 0.3206

Sweetspot

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



40.7693, 0.3244, 0.3185



84.4939, 0.3158, 0.3261



40.2860, 0.3067, 0.3024



18.3500, 0.3166, 0.3253



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.7693, 0.3244, 0.3185



70.7335, 0.3274, 0.3160



41.2005, 0.3312, 0.3317



9.0699, 0.3227, 0.3199



7.3703, 0.5353, 0.2723



0.2721, 0.4671, 0.2347

Inverse Universe

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



40.7693, 0.3244, 0.3185



70.7335, 0.3274, 0.3160



45.9334, 0.2964, 0.3263



9.0699, 0.3227, 0.3199



7.3703, 0.5353, 0.2723



0.2721, 0.4671, 0.2347

Previews

White Background



This preview shows how the Yxy color 40.7675, 0.3244, 0.3185 looks on a white background.

Color Contrast Check

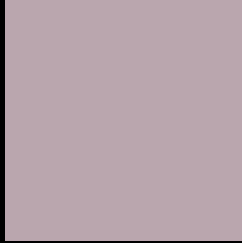
Large Text (above 18pt) WCAG AA × Fail

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 40.7675, 0.3244, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

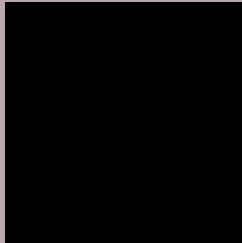
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7675, 0.3244, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 40.7675, 0.3244, 0.3185.



This preview shows how white text looks on a background with the Yxy color 40.7675, 0.3244, 0.3185.

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

40.7675, 0.3244, 0.3185

Protanopia

40.7683, 0.3104, 0.3208

Deuteranopia

40.7675, 0.3244, 0.3185



Tritanopia

40.6894, 0.3219, 0.3120

Trichromacy



Original Color

40.7675, 0.3244, 0.3185

Protanomaly

40.9361, 0.3158, 0.3209

Deuteranomaly

40.7675, 0.3244, 0.3185

Tritanomaly

40.6494, 0.3228, 0.3132

Monochromacy



Original Color

40.7675, 0.3244, 0.3185

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2316, 0.3174, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7675, 0.3244, 0.3185 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(186, 166, 174)` looks like.

```
.text, #text, p{  
    color:rgb(186, 166, 174)  
}
```

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(186, 166, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 166, 174) }
```

Border

The CSS property to change the border of an element to Yxy 40.7675, 0.3244, 0.3185 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(186, 166, 174) }
```

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

```
.border{ border-color:rgb(186, 166, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 166, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 166, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 166, 174);  
box-shadow:4px 4px 4px 4px rgb(186, 166,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7675, 0.3244, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 166, 174) }
```

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

```
.background{ background-color: rgb(186,  
166, 174) }
```

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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