

Converting Colors

$Yxy(43.8732, 0.3288, 0.3405)$

Have a look what the booklet for
Yxy(43.8732, 0.3288, 0.3405)
contains.

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Color

Yxy(43.7643, 0.3284, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	B9AFA7
RGB	185, 175, 167
RGB Percent	73%, 69%, 65%
CMY	0.2744, 0.3138, 0.3450
CMYK	0.00, 0.05, 0.10, 0.27
HSL	27°, 11%, 69%
HSV	27°, 10%, 73%
XYZ	42.3210, 43.7643, 42.7849
YIQ	177.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

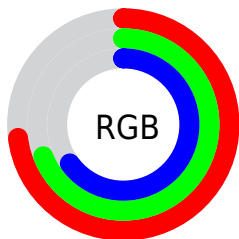
Format	Color
RYB	185, 181, 167
Decimal	12169127
CIELab	72.07, 2.19, 5.36
CIELCh	72, 5.787, 67.756
Yxy	43.7643, 0.3284, 0.3396
Android (android.graphics.Color)	4290359207 (0xFFB9AFA7)
YUV	177.0780, -4.9685, 6.9476
Hunter-Lab	66.1546, -1.5791, 7.9629

Details

The Yxy color **43.7643, 0.3284, 0.3396** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1936, 0.2979, 0.3182**, and the grayscale version is **44.0367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5683, 0.3255, 0.3373**, and **20.3093, 0.3332, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **39.2656, 0.3469, 0.3511**, and if you desaturate by 10%, it is **48.6718, 0.3123, 0.3287**.

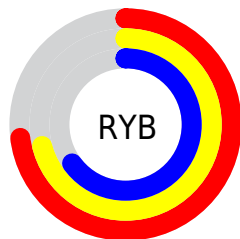
Distribution



Red (73%)

Green (69%)

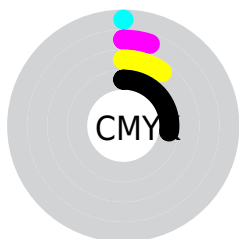
Blue (65%)



Red (73%)

Yellow (71%)

Blue (65%)

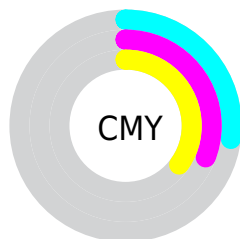


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7643, 0.3284, 0.3396 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 43.7643, 0.3284, 0.3396 by changing the saturation by 10% instead.

 43.7643, 0.3284,
0.3396


 43.7643, 0.3284,
0.3396


361.7456, 0.3205,
0.3343

 30.4853, 0.3304,
0.3409


 80.8630, 0.3255,
0.3377

 20.2072, 0.3330,
0.3427


 105.4514, 0.3244,
0.3369

 12.5457, 0.3366,
0.3450


134.5783, 0.3235,
0.3363

 7.1165, 0.3416,
0.3482

168.6283, 0.3227,
0.3358

 3.5351, 0.3492,
0.3530

207.9856, 0.3220,
0.3353

 1.4170, 0.3623,
0.3612

253.0346, 0.3214,

 0.2292, 0.5421,

0.3349

0.4579

304.1598, 0.3209,
0.3346

0.0000, 0.0000,
0.0000

43.7643, 0.3284,
0.3396

43.7643, 0.3284,
0.3396

39.2656, 0.3469,
0.3511

48.6718, 0.3123,
0.3287

35.1589, 0.3682,
0.3630

53.9927, 0.2984,
0.3186

31.4347, 0.3923,
0.3749

59.7392, 0.2864,
0.3093

28.0809, 0.4191,
0.3861

65.9208, 0.2761,
0.3007

25.0846, 0.4480,
0.3957

72.2511, 0.2695,
0.2976

■ 22.4319, 0.4780,
0.4024

■ 78.0526, 0.2706,
0.3092

■ 20.1081, 0.5074,
0.4051

■ 84.1979, 0.2718,
0.3205

■ 18.0966, 0.5340,
0.4027

■ 89.0592, 0.2726,
0.3289

■ 16.3728, 0.5570,
0.3957

Harmonies

Analogous

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



43.7643, 0.3285, 0.3334



43.7643, 0.3284, 0.3396



43.7643, 0.3241, 0.3431

Triad

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



43.7643, 0.3284, 0.3396



43.7643, 0.3013, 0.3318



43.7643, 0.3085, 0.3157

Complementary

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



43.7643, 0.3284, 0.3396



43.1936, 0.2979, 0.3182

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.



43.7643, 0.3014, 0.3151



43.7643, 0.3284, 0.3396



43.7643, 0.2972, 0.3243

Square

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



43.7643, 0.3284, 0.3396



43.7643, 0.3084, 0.3386



43.7643, 0.2973, 0.3182



43.7643, 0.3169, 0.3197

Rectangle

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



43.7643, 0.3284, 0.3396



43.7643, 0.3194, 0.3433



43.7643, 0.2973, 0.3182



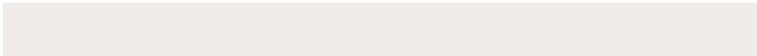
43.7643, 0.3059, 0.3151

Sweetspot

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



43.7662, 0.3284, 0.3396



84.1404, 0.3174, 0.3322



41.1474, 0.3205, 0.3155



17.9852, 0.3187, 0.3331



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.



43.7662, 0.3284, 0.3396



76.3011, 0.3327, 0.3424



47.3239, 0.3271, 0.3511



9.6485, 0.3277, 0.3391



11.2554, 0.5554, 0.3972



0.5205, 0.5117, 0.4319

Inverse Universe

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



43.1936, 0.2979, 0.3182



75.0383, 0.2940, 0.3152



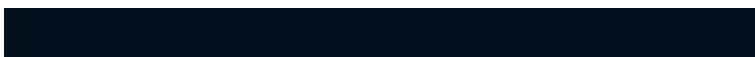
39.8090, 0.2978, 0.3059



9.5277, 0.2985, 0.3186



9.1603, 0.1832, 0.1795



0.4442, 0.1950, 0.2219

Previews

White Background



This preview shows how the Yxy color 43.7643, 0.3284, 0.3396 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 43.7643, 0.3284, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

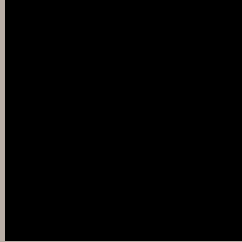
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

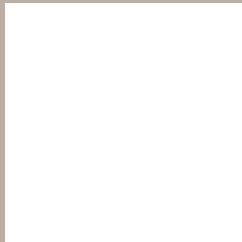
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7643, 0.3284, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 43.7643, 0.3284, 0.3396.



This preview shows how white text looks on a background with the Yxy color 43.7643, 0.3284, 0.3396.

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

43.7643, 0.3284, 0.3396

Protanopia

43.8229, 0.3247, 0.3397

Deuteranopia

43.8233, 0.3393, 0.3329



Tritanopia

43.7416, 0.3153, 0.3110

Trichromacy



Original Color

43.7643, 0.3284, 0.3396

Protanomaly

43.9451, 0.3256, 0.3397

Deuteranomaly

43.6697, 0.3353, 0.3343

Tritanomaly

43.7066, 0.3202, 0.3212

Monochromacy



Original Color

43.7643, 0.3284, 0.3396

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7711, 0.3187, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7643, 0.3284, 0.3396 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, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 167)  
}
```

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, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 167) }
```

Border

The CSS property to change the border of an element to Yxy 43.7643, 0.3284, 0.3396 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, 175, 167) }
```

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

```
.border{ border-color:rgb(185, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7643, 0.3284, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 167) }
```

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

```
.background{ background-color: rgb(185,  
175, 167) }
```

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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