

Converting Colors

$Y_{xy}(43.5727, 0.3159, 0.3207)$

Have a look what the booklet for
Yxy(43.5727, 0.3159, 0.3207)
contains.

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Color

Yxy(43.6347, 0.3157, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	B7AEB4
RGB	183, 174, 180
RGB Percent	72%, 68%, 71%
CMY	0.2824, 0.3176, 0.2940
CMYK	0.00, 0.05, 0.02, 0.28
HSL	320°, 6%, 70%
HSV	320°, 5%, 72%
XYZ	42.9009, 43.6347, 49.3557
YIQ	177.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

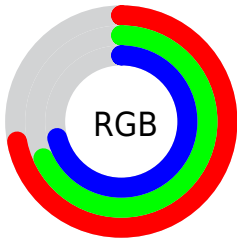
Format	Color
RYB	183, 174, 180
Decimal	12037812
CIELab	71.98, 4.30, -1.94
CIELCh	72, 4.719, 335.741
Yxy	43.6347, 0.3157, 0.3211
Android (android.graphics.Color)	4290227892 (0xFFB7AEB4)
YUV	177.3750, 1.2941, 4.9331
Hunter-Lab	66.0566, 0.3290, 1.9397

Details

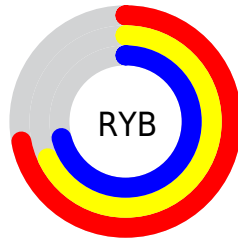
The Yxy color $43.6347, 0.3157, 0.3211$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.0304, 0.3099, 0.3370$, and the grayscale version is $44.1658, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4455, 0.3151, 0.3219$, and $20.1972, 0.3168, 0.3200$ is the 20% darker color. If you saturate the color by 10%, you get $36.8011, 0.3226, 0.3044$, and if you desaturate by 10%, it is $51.4459, 0.3099, 0.3370$.

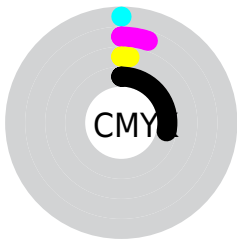
Distribution



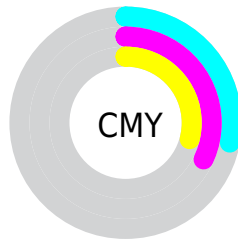
- Red (72%)
- Green (68%)
- Blue (71%)



- Red (72%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6347, 0.3157, 0.3211 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 43.6347, 0.3157, 0.3211 by changing the saturation by 10% instead.

 43.6347, 0.3157,
0.3211

 43.6347, 0.3157,
0.3211


361.2155, 0.3142,
0.3251

 30.3834, 0.3161,
0.3201


 80.6678, 0.3152,
0.3226

 20.1298, 0.3166,
0.3188


105.2184, 0.3150,
0.3231

 12.4894, 0.3172,
0.3171


134.3042, 0.3148,
0.3236

 7.0779, 0.3181,
0.3146

168.3096, 0.3146,
0.3239

 3.5109, 0.3195,
0.3110

207.6191, 0.3145,
0.3243

 1.4039, 0.3218,
0.3048

252.6169, 0.3144,

 0.2196, 0.3455,

0.3246

0.2419

303.6876, 0.3143,
0.3248

0.0000, 0.0000,
0.0000

43.6347, 0.3157,
0.3211

43.6347, 0.3157,
0.3211

36.8011, 0.3226,
0.3044

51.4459, 0.3099,
0.3370

30.9005, 0.3307,
0.2871

60.2655, 0.3050,
0.3518

25.8935, 0.3402,
0.2697

70.1302, 0.3009,
0.3656

21.7354, 0.3509,
0.2529

81.0731, 0.2975,
0.3783

18.3779, 0.3630,
0.2376

86.2436, 0.2944,
0.3794

■ 15.7677, 0.3762,
0.2247

■ 86.5495, 0.2912,
0.3724

■ 13.8448, 0.3901,
0.2154

■ 86.8668, 0.2881,
0.3654

■ 12.5403, 0.4044,
0.2105

■ 87.1956, 0.2850,
0.3585

■ 11.7700, 0.4184,
0.2106

■ 87.5360, 0.2819,
0.3517

Harmonies

Analogous

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



43.6347, 0.3089, 0.3180



43.6347, 0.3157, 0.3211



43.6347, 0.3218, 0.3263

Triad

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



43.6347, 0.3157, 0.3211



43.6347, 0.3223, 0.3404



43.6347, 0.3002, 0.3256

Complementary

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



43.6347, 0.3157, 0.3211



46.0304, 0.3099, 0.3370

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.



43.6347, 0.3037, 0.3317



43.6347, 0.3157, 0.3211



43.6347, 0.3165, 0.3403

Square

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



43.6347, 0.3157, 0.3211



43.6347, 0.3256, 0.3374



43.6347, 0.3097, 0.3371



43.6347, 0.3000, 0.3205

Rectangle

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



43.6347, 0.3157, 0.3211



43.6347, 0.3246, 0.3302



43.6347, 0.3097, 0.3371



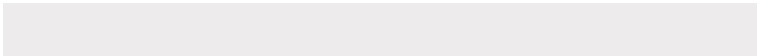
43.6347, 0.3010, 0.3276

Sweetspot

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



43.6366, 0.3157, 0.3211



83.3979, 0.3133, 0.3274



43.0229, 0.3079, 0.3171



18.4361, 0.3133, 0.3275



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.



43.6366, 0.3157, 0.3211



76.6165, 0.3165, 0.3191



43.4610, 0.3193, 0.3268



9.5539, 0.3168, 0.3184



8.0306, 0.4240, 0.2109



0.2940, 0.3913, 0.1929

Inverse Universe

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



43.6366, 0.3157, 0.3211



76.6165, 0.3165, 0.3191



46.2076, 0.3065, 0.3312



9.5539, 0.3168, 0.3184



8.0306, 0.4240, 0.2109



0.2940, 0.3913, 0.1929

Previews

White Background



This preview shows how the Yxy color 43.6347, 0.3157, 0.3211 looks on a white background.

Color Contrast Check

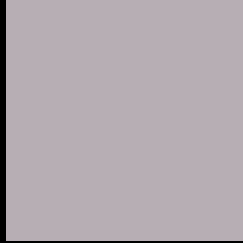
Large Text (above 18pt) WCAG AA × Fail

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 43.6347, 0.3157, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

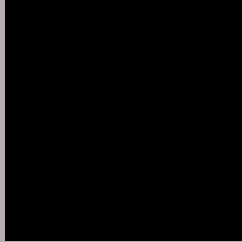
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

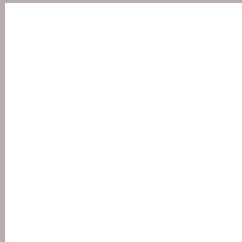
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6347, 0.3157, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 43.6347, 0.3157, 0.3211.



This preview shows how white text looks on a background with the Yxy color 43.6347, 0.3157, 0.3211.

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

43.6347, 0.3157, 0.3211

Protanopia

43.4611, 0.3105, 0.3210

Deuteranopia

43.6685, 0.3233, 0.3162



Tritanopia

43.6653, 0.3109, 0.3108

Trichromacy



Original Color

43.6347, 0.3157, 0.3211

Protanomaly

43.6994, 0.3122, 0.3211

Deuteranomaly

43.6601, 0.3204, 0.3174

Tritanomaly

43.5382, 0.3134, 0.3147

Monochromacy



Original Color

43.6347, 0.3157, 0.3211

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8487, 0.3137, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6347, 0.3157, 0.3211 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(183, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 180)  
}
```

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(183, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.6347, 0.3157, 0.3211 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(183, 174, 180) }
```

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

```
.border{ border-color:rgb(183, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6347, 0.3157, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 180) }
```

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

```
.background{ background-color: rgb(183,  
174, 180) }
```

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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