

Converting Colors

$Y_{xy}(39.9093, 0.3224, 0.3177)$

Have a look what the booklet for
Yxy(39.9093, 0.3224, 0.3177)
contains.

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Color

Yxy(39.9947, 0.3226, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	B7A5AD
RGB	183, 165, 173
RGB Percent	72%, 65%, 68%
CMY	0.2822, 0.3530, 0.3215
CMYK	0.00, 0.10, 0.05, 0.28
HSL	333°, 11%, 68%
HSV	333°, 10%, 72%
XYZ	40.5350, 39.9947, 45.1213
YIQ	171.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

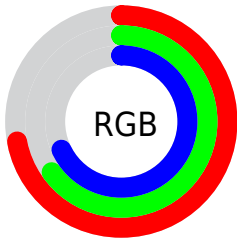
Format	Color
R _{YB}	183, 165, 173
Decimal	12035501
CIE Lab	69.47, 7.97, -1.75
CIE LCh	69, 8.161, 347.588
Yxy	39.9947, 0.3226, 0.3183
Android (android.graphics.Color)	4290225581 (0xFFB7A5AD)
YUV	171.2940, 0.8411, 10.2662
Hunter-Lab	63.2414, 3.7385, 1.9669

Details

The Yxy color $39.9947, 0.3226, 0.3183$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.9808, 0.3038, 0.3400$, and the grayscale version is $40.8763, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.1386, 0.3210, 0.3207$, and $17.9366, 0.3252, 0.3143$ is the 20% darker color. If you saturate the color by 10%, you get $33.4804, 0.3347, 0.3069$, and if you desaturate by 10%, it is $47.4875, 0.3126, 0.3291$.

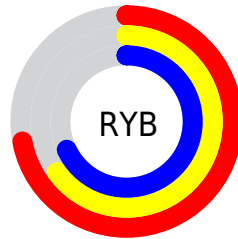
Distribution



Red (72%)

Green (65%)

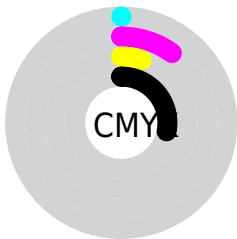
Blue (68%)



Red (72%)

Yellow (65%)

Blue (68%)

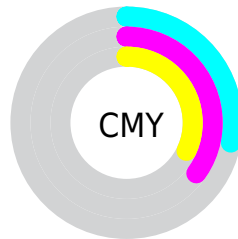


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9947, 0.3226, 0.3183 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 39.9947, 0.3226, 0.3183 by changing the saturation by 10% instead.


 39.9947, 0.3226,
0.3183


 39.9947, 0.3226,
0.3183


346.1012, 0.3176,
0.3238

 27.5344, 0.3239,
0.3169


 75.1554, 0.3207,
0.3203

 17.9750, 0.3256,
0.3151


 98.6247, 0.3200,
0.3211

 10.9320, 0.3279,
0.3126


126.5324, 0.3195,
0.3217

 6.0211, 0.3312,
0.3091

159.2629, 0.3190,
0.3222

 2.8579, 0.3362,
0.3037

197.2006, 0.3185,
0.3227

 1.0580, 0.3452,
0.2943

240.7300, 0.3182,

 0.0000, 0.7038,

0.3231

0.0000

290.2354, 0.3178,
0.3234

0.0000, 0.0000,
0.0000

39.9947, 0.3226,
0.3183

39.9947, 0.3226,
0.3183

33.4804, 0.3347,
0.3069

47.4875, 0.3126,
0.3291

27.8988, 0.3493,
0.2950

55.9919, 0.3043,
0.3392

23.2082, 0.3667,
0.2833

65.5457, 0.2976,
0.3486

19.3616, 0.3871,
0.2723

76.1833, 0.2920,
0.3571

16.3076, 0.4106,
0.2629

86.9691, 0.2872,
0.3634

■ 13.9892, 0.4367,
0.2563

■ 87.5376, 0.2820,
0.3519

■ 12.3419, 0.4644,
0.2538

■ 88.1397, 0.2769,
0.3405

■ 11.2893, 0.4923,
0.2564

■ 88.7760, 0.2719,
0.3295

■ 10.6787, 0.5191,
0.2634

■ 88.8131, 0.2716,
0.3289

Harmonies

Analogous

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



39.9947, 0.3105, 0.3112



39.9947, 0.3226, 0.3183



39.9947, 0.3321, 0.3282

Triad

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



39.9947, 0.3226, 0.3183



39.9947, 0.3261, 0.3500



39.9947, 0.2897, 0.3188

Complementary

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



39.9947, 0.3226, 0.3183



44.9808, 0.3038, 0.3400

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.



39.9947, 0.2937, 0.3294



39.9947, 0.3226, 0.3183



39.9947, 0.3145, 0.3477

Square

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



39.9947, 0.3226, 0.3183



39.9947, 0.3341, 0.3465



39.9947, 0.3027, 0.3401



39.9947, 0.2917, 0.3113

Rectangle

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



39.9947, 0.3226, 0.3183



39.9947, 0.3356, 0.3352



39.9947, 0.3027, 0.3401



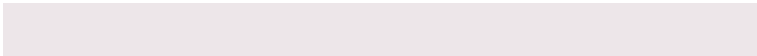
39.9947, 0.2903, 0.3221

Sweetspot

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



39.9964, 0.3226, 0.3183



80.5381, 0.3156, 0.3258



39.4316, 0.3064, 0.3046



17.5453, 0.3164, 0.3249



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.



39.9964, 0.3226, 0.3183



68.7182, 0.3252, 0.3157



40.0221, 0.3296, 0.3303



9.0767, 0.3220, 0.3189



7.4536, 0.5165, 0.2619



0.2753, 0.4535, 0.2272

Inverse Universe

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



39.9964, 0.3226, 0.3183



68.7182, 0.3252, 0.3157



44.9340, 0.2978, 0.3277



9.0767, 0.3220, 0.3189



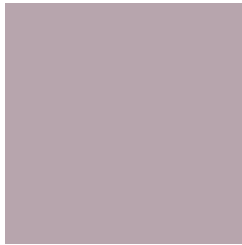
7.4536, 0.5165, 0.2619



0.2753, 0.4535, 0.2272

Previews

White Background



This preview shows how the Yxy color 39.9947, 0.3226, 0.3183 looks on a white background.

Color Contrast Check

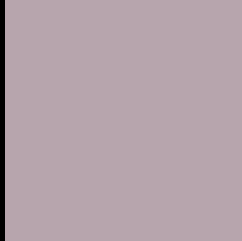
Large Text (above 18pt) WCAG AA × Fail

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 39.9947, 0.3226, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

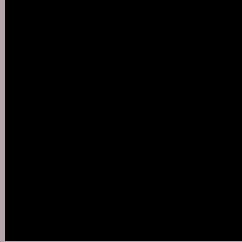
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9947, 0.3226, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 39.9947, 0.3226, 0.3183.



This preview shows how white text looks on a background with the Yxy color 39.9947, 0.3226, 0.3183.

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

39.9947, 0.3226, 0.3183

Protanopia

40.1290, 0.3095, 0.3207

Deuteranopia

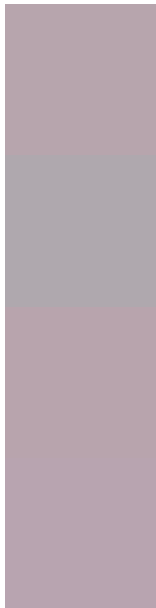
39.8823, 0.3246, 0.3171



Tritanopia

39.9156, 0.3201, 0.3118

Trichromacy



Original Color

39.9947, 0.3226, 0.3183

Protanomaly

40.1752, 0.3140, 0.3208

Deuteranomaly

39.7584, 0.3236, 0.3170

Tritanomaly

39.8759, 0.3209, 0.3131

Monochromacy



Original Color

39.9947, 0.3226, 0.3183

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4685, 0.3156, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9947, 0.3226, 0.3183 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, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 165, 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(183, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 165, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.9947, 0.3226, 0.3183 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, 165, 173) }
```

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

```
.border{ border-color:rgb(183, 165, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 165, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 165, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 165,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9947, 0.3226, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 165, 173) }
```

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

```
.background{ background-color: rgb(183,  
165, 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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