

Converting Colors

$Y_{xy}(47.3293, 0.3173, 0.3559)$

Have a look what the booklet for
Yxy(47.3293, 0.3173, 0.3559)
contains.

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Color

Yxy(47.3293, 0.3173, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	AEBBA7
RGB	174, 187, 167
RGB Percent	68%, 73%, 65%
CMY	0.3177, 0.2666, 0.3452
CMYK	0.07, 0.00, 0.11, 0.27
HSL	99°, 13%, 69%
HSV	99°, 11%, 73%
XYZ	42.1961, 47.3293, 43.4594
YIQ	180.8330, -1.3280, -8.9760

Conversions

Conversions Part 2

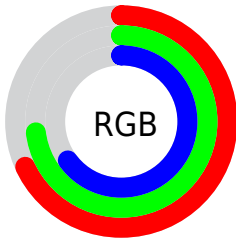
Format	Color
RYB	167, 187, 180
Decimal	11451303
CIELab	74.40, -8.23, 8.61
CIELCh	74, 11.905, 133.702
Yxy	47.3293, 0.3173, 0.3559
Android (android.graphics.Color)	4289641383 (0xFFFAEBBA7)
YUV	180.8330, -6.8197, -5.9925
Hunter-Lab	68.7963, -10.9109, 10.7032

Details

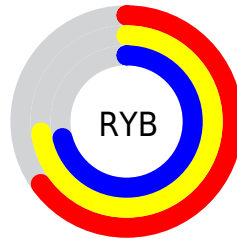
The Yxy color $47.3293, 0.3173, 0.3559$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.9220, 0.3076, 0.3025$, and the grayscale version is $46.1503, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1981, 0.3169, 0.3508$, and $22.4256, 0.3190, 0.3641$ is the 20% darker color. If you saturate the color by 10%, you get $45.3549, 0.3214, 0.3836$, and if you desaturate by 10%, it is $49.5343, 0.3130, 0.3307$.

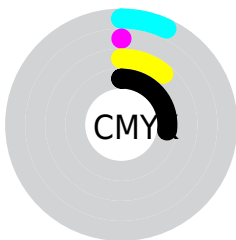
Distribution



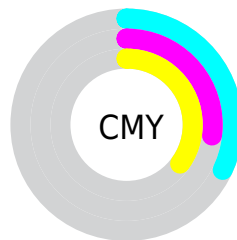
- Red (68%)
- Green (73%)
- Blue (65%)



- Red (65%)
- Yellow (73%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (32%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3293, 0.3173, 0.3559 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 47.3293, 0.3173, 0.3559 by changing the saturation by 10% instead.


 47.3293, 0.3173,
0.3559


 47.3293, 0.3173,
0.3559


376.1274, 0.3151,
0.3423

 33.2961, 0.3178,
0.3594


 86.2050, 0.3165,
0.3509

 22.3533, 0.3184,
0.3638


 111.8162, 0.3162,
0.3490

 14.1168, 0.3193,
0.3699


142.0555, 0.3160,
0.3475

 8.2019, 0.3203,
0.3784


177.3073, 0.3158,
0.3461

 4.2244, 0.3217,
0.3914

217.9560, 0.3156,
0.3450

 1.7999, 0.3236,
0.4135

264.3860, 0.3154,

 0.4871, 0.3499,

0.3440

0.6501

316.9817, 0.3153,
0.3431

0.0000, 0.0000,
0.0000

47.3293, 0.3173,
0.3559

47.3293, 0.3173,
0.3559

45.3549, 0.3214,
0.3836

49.5343, 0.3130,
0.3307

43.5973, 0.3251,
0.4134

51.9711, 0.3087,
0.3080

42.0506, 0.3282,
0.4447


54.6485, 0.3046,
0.2879


40.7062, 0.3302,
0.4763

57.5731, 0.3006,
0.2700

39.5547, 0.3309,
0.5069


60.3930, 0.3005,
0.2592


 38.5861, 0.3300,
0.5345

 62.5323, 0.3097,
0.2611

 37.7894, 0.3275,
0.5575

 64.0255, 0.3158,
0.2624

 37.1516, 0.3233,
0.5744

 36.6824, 0.3187,
0.5852

Harmonies

Analogous

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



47.3293, 0.3329, 0.3579



47.3293, 0.3173, 0.3559



47.3293, 0.3008, 0.3461

Triad

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



47.3293, 0.3173, 0.3559



47.3293, 0.2830, 0.3056



47.3293, 0.3382, 0.3259

Complementary

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



47.3293, 0.3173, 0.3559



40.9220, 0.3076, 0.3025

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.



47.3293, 0.3242, 0.3128



47.3293, 0.3173, 0.3559



47.3293, 0.2925, 0.3011

Square

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



47.3293, 0.3173, 0.3559



47.3293, 0.2813, 0.3165



47.3293, 0.3075, 0.3038



47.3293, 0.3452, 0.3401

Rectangle

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



47.3293, 0.3173, 0.3559



47.3293, 0.2915, 0.3366



47.3293, 0.3075, 0.3038



47.3293, 0.3341, 0.3212

Sweetspot

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



47.3313, 0.3173, 0.3559



87.7451, 0.3140, 0.3364



45.9979, 0.3295, 0.3461



19.2510, 0.3144, 0.3384



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.



47.3313, 0.3173, 0.3559



83.8372, 0.3183, 0.3626



46.6603, 0.3091, 0.3522



10.8075, 0.3167, 0.3523



25.3079, 0.3195, 0.5845



1.0283, 0.3394, 0.5687

Inverse Universe

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



40.9220, 0.3076, 0.3025



69.9228, 0.3063, 0.2961



41.6566, 0.3165, 0.3069



9.5248, 0.3083, 0.3060



5.3453, 0.2355, 0.1071



0.2445, 0.2564, 0.1186

Previews

White Background



This preview shows how the Yxy color 47.3293, 0.3173, 0.3559 looks on a white background.

Color Contrast Check

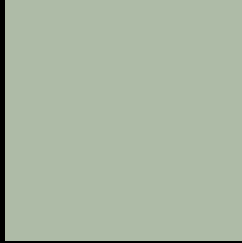
Large Text (above 18pt) WCAG AA × Fail

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 47.3293, 0.3173, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

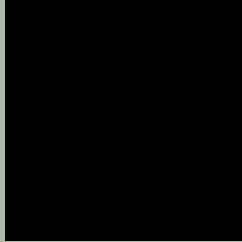
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

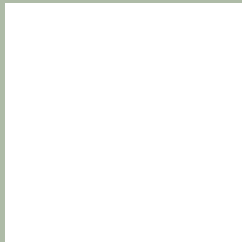
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3293, 0.3173, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 47.3293, 0.3173, 0.3559.



This preview shows how white text looks on a background with the Yxy color 47.3293, 0.3173, 0.3559.

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

47.3293, 0.3173, 0.3559

Protanopia

47.0834, 0.3343, 0.3524

Deuteranopia

46.8944, 0.3448, 0.3378



Tritanopia

47.4819, 0.2987, 0.3110

Trichromacy



Original Color

47.3293, 0.3173, 0.3559

Protanomaly

47.1879, 0.3279, 0.3540

Deuteranomaly

46.9390, 0.3349, 0.3444

Tritanomaly

47.1733, 0.3053, 0.3264

Monochromacy



Original Color

47.3293, 0.3173, 0.3559

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4665, 0.3140, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3293, 0.3173, 0.3559 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(174, 187, 167)` looks like.

```
.text, #text, p{  
    color:rgb(174, 187, 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(174, 187, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 187, 167) }
```

Border

The CSS property to change the border of an element to Yxy 47.3293, 0.3173, 0.3559 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(174, 187, 167) }
```

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

```
.border{ border-color:rgb(174, 187, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 187, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 187, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 187, 167);  
box-shadow:4px 4px 4px 4px rgb(174, 187,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3293, 0.3173, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 187, 167) }
```

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

```
.background{ background-color: rgb(174,  
187, 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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