

Converting Colors

$Yxy(42.8881, 0.3360, 0.3535)$

Have a look what the booklet for
Yxy(42.8881, 0.3360, 0.3535)
contains.

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Color

Yxy(42.7397, 0.3362, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	B7AE9C
RGB	183, 174, 156
RGB Percent	72%, 68%, 61%
CMY	0.2822, 0.3177, 0.3882
CMYK	0.00, 0.05, 0.15, 0.28
HSL	40°, 16%, 66%
HSV	40°, 15%, 72%
XYZ	40.6711, 42.7397, 37.5621
YIQ	174.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

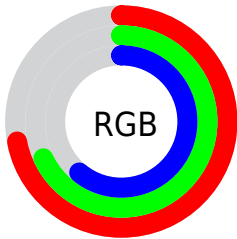
Format	Color
RYB	170, 183, 156
Decimal	12037788
CIELab	71.38, 0.15, 10.38
CIElCh	71, 10.384, 89.177
Yxy	42.7397, 0.3362, 0.3533
Android (android.graphics.Color)	4290227868 (0xFFB7AE9C)
YUV	174.6390, -9.1890, 7.3326
Hunter-Lab	65.3756, -3.3600, 11.6974

Details

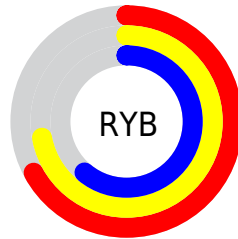
The Yxy color $42.7397, 0.3362, 0.3533$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.4157, 0.2898, 0.3035$, and the grayscale version is $42.7206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.0425, 0.3321, 0.3489$, and $19.6848, 0.3429, 0.3607$ is the 20% darker color. If you saturate the color by 10%, you get $39.8562, 0.3541, 0.3706$, and if you desaturate by 10%, it is $45.8282, 0.3199, 0.3366$.

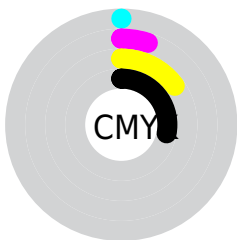
Distribution



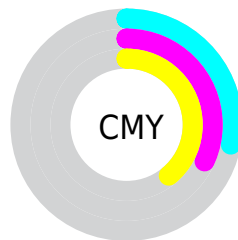
- Red (72%)
- Green (68%)
- Blue (61%)



- Red (67%)
- Yellow (72%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7397, 0.3362, 0.3533 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 42.7397, 0.3362, 0.3533 by changing the saturation by 10% instead.


 42.7397, 0.3362,
0.3533

 42.7397, 0.3362,
0.3533


357.5402, 0.3243,
0.3410

 29.6809, 0.3392,
0.3564


 79.3179, 0.3318,
0.3488

 19.5965, 0.3431,
0.3605


 103.6061, 0.3302,
0.3471

 12.1021, 0.3484,
0.3659

132.4063, 0.3288,
0.3457

 6.8133, 0.3559,
0.3736

166.1028, 0.3277,
0.3445

 3.3456, 0.3672,
0.3852

205.0801, 0.3266,
0.3434

 1.3147, 0.3902,
0.4090

249.7225, 0.3258,

 0.1525, 0.4935,

0.3425

0.5065

300.4144, 0.3250,
0.3417

0.0000, 0.0000,
0.0000

42.7397, 0.3362,
0.3533

42.7397, 0.3362,
0.3533

39.8562, 0.3541,
0.3706

45.8282, 0.3199,
0.3366

37.1664, 0.3733,
0.3880

49.1214, 0.3052,
0.3209

34.6663, 0.3937,
0.4048

52.6261, 0.2921,
0.3061

32.3496, 0.4147,
0.4203

56.3472, 0.2803,
0.2924

30.2094, 0.4354,
0.4333

60.2894, 0.2699,
0.2799

■ 28.2381, 0.4549,
0.4427

■ 63.7398, 0.2664,
0.2792

■ 26.4271, 0.4723,
0.4477

■ 66.8339, 0.2672,
0.2863

■ 24.7666, 0.4866,
0.4476

■ 70.0450, 0.2679,
0.2934

■ 23.9468, 0.4935,
0.4464

■ 73.3743, 0.2686,
0.3003

Harmonies

Analogous

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



42.7397, 0.3421, 0.3451



42.7397, 0.3362, 0.3533



42.7397, 0.3240, 0.3551

Triad

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



42.7397, 0.3362, 0.3533



42.7397, 0.2863, 0.3241



42.7397, 0.3159, 0.3098

Complementary

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



42.7397, 0.3362, 0.3533



37.4157, 0.2898, 0.3035

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.



42.7397, 0.3010, 0.3042



42.7397, 0.3362, 0.3533



42.7397, 0.2842, 0.3121

Square

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



42.7397, 0.3362, 0.3533



42.7397, 0.2953, 0.3379



42.7397, 0.2895, 0.3050



42.7397, 0.3302, 0.3202

Rectangle

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



42.7397, 0.3362, 0.3533



42.7397, 0.3141, 0.3521



42.7397, 0.2895, 0.3050



42.7397, 0.3108, 0.3073

Sweetspot

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



42.7416, 0.3362, 0.3533



82.4461, 0.3188, 0.3355



36.5848, 0.3307, 0.3162



18.1147, 0.3200, 0.3367



93.3107, 0.3127, 0.3290



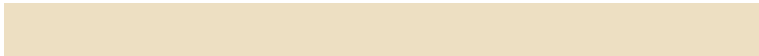
18.7317, 0.3127, 0.3290

Same Dimension

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



42.7416, 0.3362, 0.3533



74.6549, 0.3423, 0.3594



45.8612, 0.3309, 0.3654



9.9836, 0.3272, 0.3442



16.8299, 0.4924, 0.4473



0.7022, 0.4692, 0.4657

Inverse Universe

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



37.4157, 0.2898, 0.3035



63.1263, 0.2839, 0.2967



34.6803, 0.2930, 0.2907



9.1971, 0.2985, 0.3134



4.8426, 0.1640, 0.1105



0.2877, 0.1793, 0.1653

Previews

White Background



This preview shows how the Yxy color 42.7397, 0.3362, 0.3533 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 42.7397, 0.3362, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

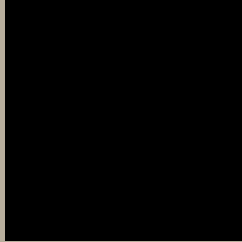
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7397, 0.3362, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 42.7397, 0.3362, 0.3533.



This preview shows how white text looks on a background with the Yxy color 42.7397, 0.3362, 0.3533.

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

42.7397, 0.3362, 0.3533

Protanopia

42.6175, 0.3352, 0.3534

Deuteranopia

42.4454, 0.3509, 0.3433



Tritanopia

42.7331, 0.3171, 0.3121

Trichromacy



Original Color

42.7397, 0.3362, 0.3533

Protanomaly

42.6175, 0.3352, 0.3534

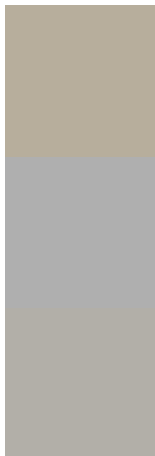
Deuteranomaly

42.5212, 0.3456, 0.3461

Tritanomaly

42.5821, 0.3247, 0.3264

Monochromacy



Original Color

42.7397, 0.3362, 0.3533

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9521, 0.3212, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7397, 0.3362, 0.3533 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 156) }
```

Border

The CSS property to change the border of an element to Yxy 42.7397, 0.3362, 0.3533 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, 156) }
```

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

```
.border{ border-color:rgb(183, 174, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7397, 0.3362, 0.3533 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, 156) }
```

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

```
.background{ background-color: rgb(183,  
174, 156) }
```

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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