

Converting Colors

$Yxy(45.6097, 0.3364, 0.3700)$

Have a look what the booklet for
Yxy(45.6097, 0.3364, 0.3700)
contains.

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Color

Yxy(45.5467, 0.3362, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	B5B698
RGB	181, 182, 152
RGB Percent	71%, 71%, 60%
CMY	0.2901, 0.2863, 0.4040
CMYK	0.01, 0.00, 0.16, 0.29
HSL	62°, 17%, 65%
HSV	62°, 16%, 71%
XYZ	41.4532, 45.5467, 36.2993
YIQ	178.2810, 9.0340, -9.5420

Conversions

Conversions Part 2

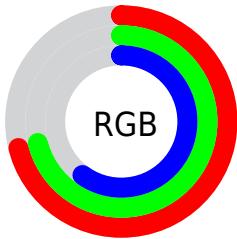
Format	Color
RYB	152, 182, 153
Decimal	11908760
CIELab	73.25, -5.52, 15.20
CIELCh	73, 16.173, 109.964
Yxy	45.5467, 0.3362, 0.3694
Android (android.graphics.Color)	4290098840 (0xFFB5B698)
YUV	178.2810, -12.9565, 2.3846
Hunter-Lab	67.4883, -8.4649, 15.3521

Details

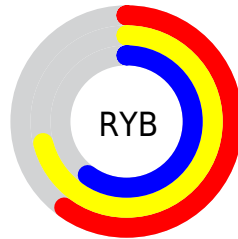
The Yxy color $45.5467, 0.3362, 0.3694$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.5920, 0.2872, 0.2854$, and the grayscale version is $44.7452, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.6098, 0.3321, 0.3624$, and $21.2293, 0.3427, 0.3809$ is the 20% darker color. If you saturate the color by 10%, you get $44.9259, 0.3506, 0.3944$, and if you desaturate by 10%, it is $46.2634, 0.3218, 0.3447$.

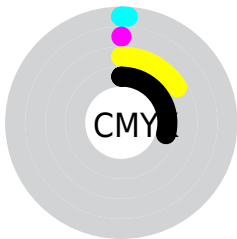
Distribution



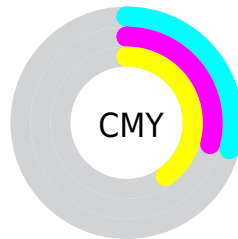
- Red (71%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)




- Cyan (29%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5467, 0.3362, 0.3694 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 45.5467, 0.3362, 0.3694 by changing the saturation by 10% instead.

 45.5467, 0.3362,
0.3694

 45.5467, 0.3362,
0.3694


368.9832, 0.3246,
0.3489

 31.8883, 0.3391,
0.3746


 83.5402, 0.3320,
0.3619

 21.2762, 0.3427,
0.3813


 108.6440, 0.3304,
0.3591

 13.3260, 0.3475,
0.3904


138.3318, 0.3291,
0.3567

 7.6534, 0.3540,
0.4031

172.9879, 0.3279,
0.3547

 3.8740, 0.3634,
0.4223

212.9966, 0.3269,
0.3530

 1.6033, 0.3839,
0.4620

258.7425, 0.3260,

 0.3598, 0.3654,

0.3514

0.6346

310.6099, 0.3252,
0.3501

0.0000, 0.0000,
0.0000

45.5467, 0.3362,
0.3694

45.5467, 0.3362,
0.3694

44.9259, 0.3506,
0.3944

46.2634, 0.3218,
0.3447

44.3907, 0.3647,
0.4190

47.0737, 0.3079,
0.3208

43.9387, 0.3778,
0.4421

47.9834, 0.2947,
0.2982

43.5650, 0.3894,
0.4628

48.9960, 0.2823,
0.2771

43.2642, 0.3990,
0.4803

50.1147, 0.2708,
0.2577

■ 43.0302, 0.4062,
0.4939

■ 50.9388, 0.2639,
0.2459

■ 42.8561, 0.4109,
0.5031

■ 51.0126, 0.2644,
0.2460

■ 42.7322, 0.4131,
0.5083

■ 51.0867, 0.2648,
0.2460

■ 42.6940, 0.4137,
0.5097

■ 51.1611, 0.2652,
0.2461

Harmonies

Analogous

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



45.5467, 0.3525, 0.3628



45.5467, 0.3362, 0.3694



45.5467, 0.3140, 0.3644

Triad

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



45.5467, 0.3362, 0.3694



45.5467, 0.2695, 0.3078



45.5467, 0.3330, 0.3102

Complementary

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



45.5467, 0.3362, 0.3694



32.5920, 0.2872, 0.2854

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.



45.5467, 0.3101, 0.2967



45.5467, 0.3362, 0.3694



45.5467, 0.2740, 0.2947

Square

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



45.5467, 0.3362, 0.3694



45.5467, 0.2759, 0.3276



45.5467, 0.2887, 0.2910



45.5467, 0.3508, 0.3286

Rectangle

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



45.5467, 0.3362, 0.3694



45.5467, 0.2989, 0.3549



45.5467, 0.2887, 0.2910



45.5467, 0.3257, 0.3050

Sweetspot

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



45.5487, 0.3362, 0.3694



84.0713, 0.3198, 0.3412



34.8211, 0.3434, 0.3298



18.5471, 0.3208, 0.3429



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.



45.5487, 0.3362, 0.3694



82.1257, 0.3418, 0.3790



43.8819, 0.3232, 0.3711



10.4880, 0.3259, 0.3516



30.1555, 0.4137, 0.5097



1.0677, 0.4153, 0.5085

Inverse Universe

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



32.5920, 0.2872, 0.2854



53.9399, 0.2804, 0.2740



34.0931, 0.3007, 0.2871



8.7331, 0.2989, 0.3054



2.4178, 0.1512, 0.0607



0.0900, 0.1562, 0.0634

Previews

White Background



This preview shows how the Yxy color 45.5467, 0.3362, 0.3694 looks on a white background.

Color Contrast Check

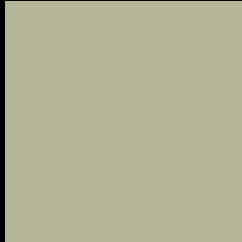
Large Text (above 18pt) WCAG AA × Fail

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 45.5467, 0.3362, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

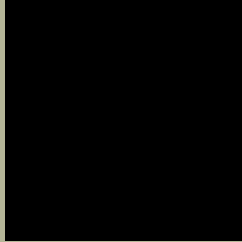
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

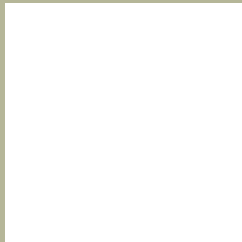
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5467, 0.3362, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 45.5467, 0.3362, 0.3694.



This preview shows how white text looks on a background with the Yxy color 45.5467, 0.3362, 0.3694.

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

45.5467, 0.3362, 0.3694

Protanopia

45.4217, 0.3459, 0.3659

Deuteranopia

45.3420, 0.3599, 0.3530



Tritanopia

45.6450, 0.3092, 0.3111

Trichromacy



Original Color

45.5467, 0.3362, 0.3694

Protanomaly

45.4417, 0.3429, 0.3675

Deuteranomaly

45.2209, 0.3514, 0.3587

Tritanomaly

45.6049, 0.3187, 0.3316

Monochromacy



Original Color

45.5467, 0.3362, 0.3694

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6885, 0.3208, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5467, 0.3362, 0.3694 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(181, 182, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 182, 152)  
}
```

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(181, 182, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 152) }
```

Border

The CSS property to change the border of an element to Yxy 45.5467, 0.3362, 0.3694 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(181, 182, 152) }
```

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

```
.border{ border-color:rgb(181, 182, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 182, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 182, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 182, 152);  
box-shadow:4px 4px 4px 4px rgb(181, 182,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5467, 0.3362, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 182, 152) }
```

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

```
.background{ background-color: rgb(181,  
182, 152) }
```

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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