

Converting Colors

$Y_{xy}(45.0809, 0.3359, 0.3763)$

Have a look what the booklet for
Yxy(45.0809, 0.3359, 0.3763)
contains.

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Color

Yxy(44.9411, 0.3358, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	B1B694
RGB	177, 182, 148
RGB Percent	69%, 71%, 58%
CMY	0.3060, 0.2862, 0.4196
CMYK	0.03, 0.00, 0.19, 0.29
HSL	69°, 19%, 65%
HSV	69°, 19%, 71%
XYZ	40.2004, 44.9411, 34.5738
YIQ	176.6290, 7.9340, -11.6340

Conversions

Conversions Part 2

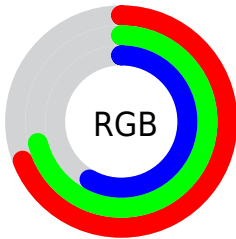
Format	Color
R_YB	148, 182, 153
Decimal	11646612
CIE _{Lab}	72.85, -7.67, 16.75
CIE _{LCh}	73, 18.422, 114.600
Yxy	44.9411, 0.3358, 0.3754
Android (android.graphics.Color)	4289836692 (0xFFB1B694)
YUV	176.6290, -14.1141, 0.3254
Hunter-Lab	67.0381, -10.2766, 16.3489

Details

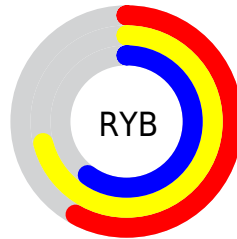
The Yxy color $44.9411, 0.3358, 0.3754$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.3354, 0.2870, 0.2795$, and the grayscale version is $43.8331, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7370, 0.3319, 0.3669$, and $20.8487, 0.3422, 0.3894$ is the 20% darker color. If you saturate the color by 10%, you get $44.0978, 0.3481, 0.4012$, and if you desaturate by 10%, it is $45.8853, 0.3233, 0.3501$.

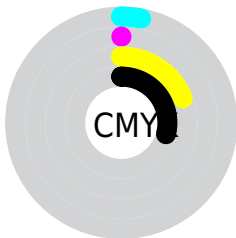
Distribution



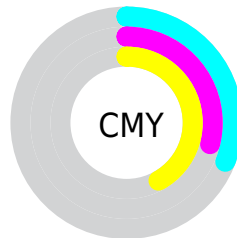
- Red (69%)
- Green (71%)
- Blue (58%)



- Red (58%)
- Yellow (71%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)





- Cyan (31%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9411, 0.3358, 0.3754 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 44.9411, 0.3358, 0.3754 by changing the saturation by 10% instead.


 44.9411, 0.3358,
0.3754


 44.9411, 0.3358,
0.3754

366.5350, 0.3244,
0.3517

 31.4110, 0.3386,
0.3815


 82.6320, 0.3317,
0.3667

 20.9120, 0.3421,
0.3893

 107.5617, 0.3302,
0.3634

 13.0597, 0.3467,
0.3999


137.0600, 0.3288,
0.3607

 7.4697, 0.3528,
0.4149

171.5113, 0.3277,
0.3584

 3.7575, 0.3614,
0.4376

211.3001, 0.3267,
0.3564

 1.5389, 0.3866,
0.4923

256.8107, 0.3259,

 0.3159, 0.2635,

0.3546

0.7365

308.4275, 0.3251,
0.3531

0.0000, 0.0000,
0.0000

44.9411, 0.3358,
0.3754

44.9411, 0.3358,
0.3754

44.0978, 0.3481,
0.4012

45.8853, 0.3233,
0.3501

43.3451, 0.3600,
0.4268

46.9283, 0.3111,
0.3259

42.6805, 0.3707,
0.4513

48.0760, 0.2994,
0.3031

42.0989, 0.3799,
0.4735

49.3318, 0.2884,
0.2820

41.5948, 0.3869,
0.4926

50.6992, 0.2781,
0.2627

■ 41.1618, 0.3916,
0.5076

■ 52.0382, 0.2699,
0.2472

■ 40.7927, 0.3936,
0.5183

■ 52.3961, 0.2718,
0.2476

■ 40.4746, 0.3935,
0.5250

■ 52.7606, 0.2737,
0.2481

■ 40.4342, 0.3935,
0.5258

■ 53.1316, 0.2756,
0.2485

Harmonies

Analogous

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



44.9411, 0.3560, 0.3695



44.9411, 0.3358, 0.3754



44.9411, 0.3100, 0.3677

Triad

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



44.9411, 0.3358, 0.3754



44.9411, 0.2634, 0.3017



44.9411, 0.3397, 0.3106

Complementary

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



44.9411, 0.3358, 0.3754



31.3354, 0.2870, 0.2795

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.



44.9411, 0.3138, 0.2942



44.9411, 0.3358, 0.3754



44.9411, 0.2705, 0.2885

Square

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



44.9411, 0.3358, 0.3754



44.9411, 0.2688, 0.3234



44.9411, 0.2886, 0.2861



44.9411, 0.3586, 0.3318

Rectangle

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



44.9411, 0.3358, 0.3754



44.9411, 0.2931, 0.3556



44.9411, 0.2886, 0.2861



44.9411, 0.3314, 0.3044

Sweetspot

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



44.9431, 0.3358, 0.3754



83.6481, 0.3202, 0.3437



34.7165, 0.3474, 0.3354



18.4490, 0.3210, 0.3453



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.



44.9431, 0.3358, 0.3754



80.8845, 0.3404, 0.3849



43.1215, 0.3211, 0.3776



10.4342, 0.3242, 0.3517



28.5727, 0.3938, 0.5255



1.0258, 0.4008, 0.5200

Inverse Universe

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



31.3354, 0.2870, 0.2795



52.1103, 0.2811, 0.2685



33.0541, 0.3027, 0.2817



8.7816, 0.3007, 0.3055



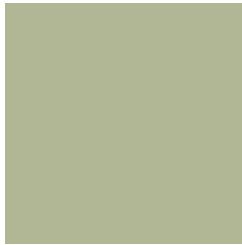
2.5677, 0.1567, 0.0637



0.1109, 0.1769, 0.0748

Previews

White Background



This preview shows how the Yxy color 44.9411, 0.3358, 0.3754 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 44.9411, 0.3358, 0.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

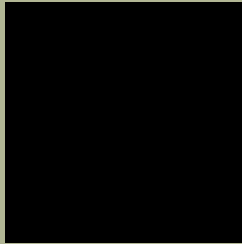
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9411, 0.3358, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 44.9411, 0.3358, 0.3754.



This preview shows how white text looks on a background with the Yxy color 44.9411, 0.3358, 0.3754.

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

44.9411, 0.3358, 0.3754

Protanopia

44.7349, 0.3495, 0.3714

Deuteranopia

44.8289, 0.3638, 0.3568



Tritanopia

44.8357, 0.3075, 0.3109

Trichromacy



Original Color

44.9411, 0.3358, 0.3754

Protanomaly

44.6611, 0.3447, 0.3719

Deuteranomaly

44.8227, 0.3531, 0.3642

Tritanomaly

44.7597, 0.3178, 0.3330

Monochromacy



Original Color

44.9411, 0.3358, 0.3754

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.3405, 0.3215, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9411, 0.3358, 0.3754 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(177, 182, 148)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 148)  
}
```

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(177, 182, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 148) }
```

Border

The CSS property to change the border of an element to Yxy 44.9411, 0.3358, 0.3754 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(177, 182, 148) }
```

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

```
.border{ border-color:rgb(177, 182, 148) }
```

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

Here you see how a box with a 4 pixel rgb(177, 182, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 148);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9411, 0.3358, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 148) }
```

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

```
.background{ background-color: rgb(177,  
182, 148) }
```

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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