

Converting Colors

$Yxy(45.4585, 0.3296, 0.3600)$

Have a look what the booklet for
Yxy(45.4585, 0.3296, 0.3600)
contains.

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Color

Yxy(45.6624, 0.3295, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	B4B69F
RGB	180, 182, 159
RGB Percent	71%, 71%, 62%
CMY	0.2942, 0.2862, 0.3765
CMYK	0.01, 0.00, 0.13, 0.29
HSL	65°, 14%, 67%
HSV	65°, 13%, 71%
XYZ	41.8054, 45.6624, 39.4075
YIQ	178.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

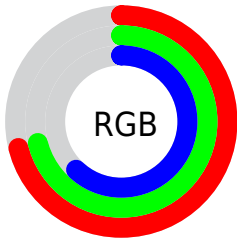
Format	Color
RYB	159, 182, 161
Decimal	11843231
CIELab	73.33, -4.78, 11.48
CIELCh	73, 12.435, 112.589
Yxy	45.6624, 0.3295, 0.3599
Android (android.graphics.Color)	4290033311 (0xFFB4B69F)
YUV	178.7800, -9.7515, 1.0699
Hunter-Lab	67.5740, -7.8234, 12.7253

Details

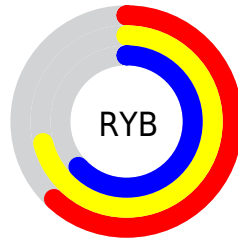
The Yxy color **45.6624, 0.3295, 0.3599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **35.7504, 0.2948, 0.2965**, and the grayscale version is **45.0062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8370, 0.3264, 0.3539**, and **21.2952, 0.3336, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **44.8875, 0.3430, 0.3852**, and if you desaturate by 10%, it is **46.5365, 0.3162, 0.3353**.

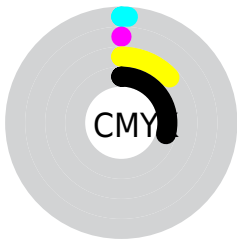
Distribution



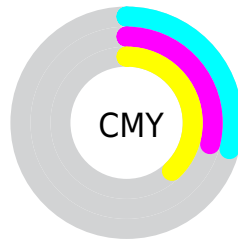
- Red (71%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)




- Cyan (29%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6624, 0.3295, 0.3599 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 45.6624, 0.3295, 0.3599 by changing the saturation by 10% instead.


 45.6624, 0.3295,
0.3599


 45.6624, 0.3295,
0.3599

369.4497, 0.3212,
0.3442

 31.9795, 0.3316,
0.3639


 83.7135, 0.3265,
0.3542

 21.3458, 0.3342,
0.3690


 108.8505, 0.3253,
0.3520

 13.3770, 0.3377,
0.3759


138.5744, 0.3244,
0.3502

 7.6887, 0.3425,
0.3857

173.2694, 0.3236,
0.3487

 3.8964, 0.3494,
0.4006

213.3201, 0.3228,
0.3473

 1.6158, 0.3612,
0.4266

259.1108, 0.3222,

 0.3682, 0.3879,

0.3462

0.6121

311.0258, 0.3217,
0.3452

0.0000, 0.0000,
0.0000

45.6624, 0.3295,
0.3599

45.6624, 0.3295,
0.3599

44.8875, 0.3430,
0.3852

46.5365, 0.3162,
0.3353

44.2018, 0.3563,
0.4105

47.5078, 0.3033,
0.3119

43.6030, 0.3688,
0.4350

48.5816, 0.2912,
0.2900

43.0863, 0.3801,
0.4577

49.7616, 0.2798,
0.2698

42.6465, 0.3895,
0.4776

51.0509, 0.2693,
0.2513

■ 42.2779, 0.3967,
0.4939

■ 51.5731, 0.2674,
0.2466

■ 41.9738, 0.4014,
0.5060

■ 51.7796, 0.2685,
0.2469

■ 41.7263, 0.4036,
0.5137

■ 51.9883, 0.2696,
0.2471

■ 41.5686, 0.4040,
0.5174

■ 52.1994, 0.2707,
0.2474

Harmonies

Analogous

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



45.6624, 0.3425, 0.3559



45.6624, 0.3295, 0.3599



45.6624, 0.3123, 0.3552

Triad

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



45.6624, 0.3295, 0.3599



45.6624, 0.2792, 0.3118



45.6624, 0.3298, 0.3157

Complementary

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



45.6624, 0.3295, 0.3599



35.7504, 0.2948, 0.2965

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.



45.6624, 0.3124, 0.3046



45.6624, 0.3295, 0.3599



45.6624, 0.2835, 0.3021

Square

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



45.6624, 0.3295, 0.3599



45.6624, 0.2835, 0.3267



45.6624, 0.2955, 0.2996



45.6624, 0.3427, 0.3302

Rectangle

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



45.6624, 0.3295, 0.3599



45.6624, 0.3007, 0.3476



45.6624, 0.2955, 0.2996



45.6624, 0.3242, 0.3115

Sweetspot

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



45.6644, 0.3295, 0.3599



84.1252, 0.3180, 0.3388



37.9079, 0.3350, 0.3317



18.5534, 0.3190, 0.3406



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.



45.6644, 0.3295, 0.3599



82.3961, 0.3330, 0.3665



44.3517, 0.3194, 0.3609



10.4622, 0.3251, 0.3517



29.3666, 0.4042, 0.5173



1.0471, 0.4084, 0.5140

Inverse Universe

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



35.7504, 0.2948, 0.2965



61.1032, 0.2907, 0.2891



36.9899, 0.3052, 0.2975



8.7562, 0.2997, 0.3055



2.4758, 0.1534, 0.0619



0.1000, 0.1663, 0.0690

Previews

White Background



This preview shows how the Yxy color 45.6624, 0.3295, 0.3599 looks on a white background.

Color Contrast Check

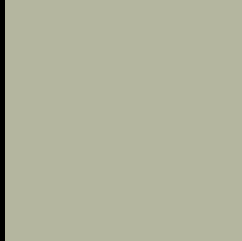
Large Text (above 18pt) WCAG AA × Fail

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 45.6624, 0.3295, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

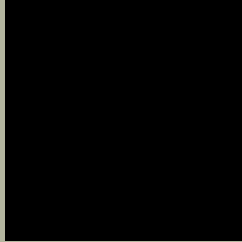
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

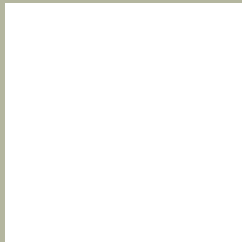
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6624, 0.3295, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 45.6624, 0.3295, 0.3599.



This preview shows how white text looks on a background with the Yxy color 45.6624, 0.3295, 0.3599.

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

45.6624, 0.3295, 0.3599

Protanopia

45.4002, 0.3381, 0.3567

Deuteranopia

45.2977, 0.3517, 0.3442



Tritanopia

45.5202, 0.3084, 0.3110

Trichromacy



Original Color

45.6624, 0.3295, 0.3599

Protanomaly

45.4254, 0.3352, 0.3582

Deuteranomaly

45.1908, 0.3434, 0.3498

Tritanomaly

45.5622, 0.3162, 0.3290

Monochromacy



Original Color

45.6624, 0.3295, 0.3599

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2048, 0.3183, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6624, 0.3295, 0.3599 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(180, 182, 159)` looks like.

```
.text, #text, p{  
    color:rgb(180, 182, 159)  
}
```

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(180, 182, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 182, 159) }
```

Border

The CSS property to change the border of an element to Yxy 45.6624, 0.3295, 0.3599 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(180, 182, 159) }
```

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

```
.border{ border-color:rgb(180, 182, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 182, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 182, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 182, 159);  
box-shadow:4px 4px 4px 4px rgb(180, 182,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6624, 0.3295, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 182, 159) }
```

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

```
.background{ background-color: rgb(180,  
182, 159) }
```

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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