

Converting Colors

$Yxy(45.1323, 0.3009, 0.3653)$

Have a look what the booklet for
Yxy(45.1323, 0.3009, 0.3653)
contains.

Yxy(45.0948, 0.3006, 0.3647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.0948, 0.3006, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	96BCA3
RGB	150, 188, 163
RGB Percent	59%, 74%, 64%
CMY	0.4118, 0.2627, 0.3609
CMYK	0.20, 0.00, 0.13, 0.26
HSL	140°, 22%, 66%
HSV	140°, 20%, 74%
XYZ	37.1689, 45.0948, 41.3853
YIQ	173.7880, -14.6230, -15.8310

Conversions

Conversions Part 2

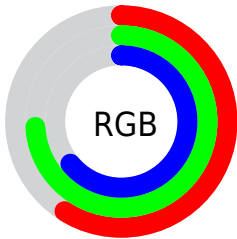
Format	Color
RYB	150, 178, 188
Decimal	9878691
CIELab	72.95, -17.79, 8.49
CIELCh	73, 19.711, 154.471
Yxy	45.0948, 0.3006, 0.3647
Android (android.graphics.Color)	4288068771 (0xFF96BCA3)
YUV	173.7880, -5.3185, -20.8621
Hunter-Lab	67.1527, -18.7177, 10.4672

Details

The Yxy color **45.0948, 0.3006, 0.3647** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.5984, 0.3273, 0.2958**, and the grayscale version is **42.2458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7425, 0.3031, 0.3574**, and **21.1283, 0.2976, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **43.0318, 0.2950, 0.3855**, and if you desaturate by 10%, it is **47.4911, 0.3065, 0.3460**.

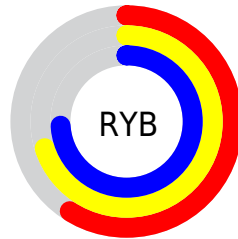
Distribution



Red (59%)

Green (74%)

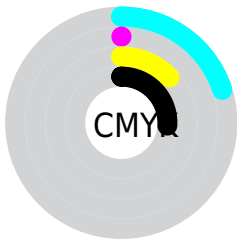
Blue (64%)



Red (59%)

Yellow (70%)

Blue (74%)

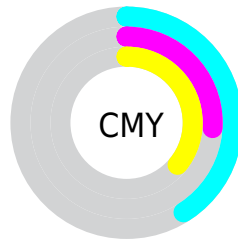


Cyan (20%)

Magenta (0%)

Yellow (13%)

Black (26%)



Cyan (41%)

Magenta (26%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0948, 0.3006, 0.3647 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 45.0948, 0.3006, 0.3647 by changing the saturation by 10% instead.

■ 45.0948, 0.3006,
0.3647

■ 45.0948, 0.3006,
0.3647

367.1574, 0.3069,
0.3463

■ 31.5321, 0.2989,
0.3695

■ 82.8627, 0.3030,
0.3579

■ 21.0044, 0.2968,
0.3757

■ 107.8366, 0.3038,
0.3554

■ 13.1272, 0.2938,
0.3842

137.3831, 0.3045,
0.3533

■ 7.5162, 0.2894,
0.3965

171.8865, 0.3052,
0.3515

■ 3.7870, 0.2824,
0.4158

211.7312, 0.3057,
0.3499

■ 1.5551, 0.2698,
0.4502

257.3017, 0.3061,

■ 0.3271, 0.0000,

0.3485

1.0000

308.9823, 0.3066,
0.3474

0.0000, 0.0000,
0.0000

45.0948, 0.3006,
0.3647

45.0948, 0.3006,
0.3647

43.0318, 0.2950,
0.3855

47.4911, 0.3065,
0.3460

41.2817, 0.2899,
0.4081

50.2290, 0.3126,
0.3293

39.8303, 0.2856,
0.4323

53.3235, 0.3186,
0.3146

38.6600, 0.2826,
0.4575

56.7870, 0.3244,
0.3018

37.7516, 0.2810,
0.4829

60.6312, 0.3300,
0.2905

■ 37.0831, 0.2811,
0.5073

■ 63.3586, 0.3291,
0.2797

■ 36.6287, 0.2829,
0.5299

■ 64.1083, 0.3197,
0.2682

■ 36.3426, 0.2859,
0.5493

■ 64.4498, 0.3158,
0.2634

Harmonies

Analogous

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



45.0948, 0.3285, 0.3776



45.0948, 0.3006, 0.3647



45.0948, 0.2767, 0.3409

Triad

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



45.0948, 0.3006, 0.3647



45.0948, 0.2729, 0.2837



45.0948, 0.3656, 0.3396

Complementary

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



45.0948, 0.3006, 0.3647



35.5984, 0.3273, 0.2958

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.



45.0948, 0.3494, 0.3164



45.0948, 0.3006, 0.3647



45.0948, 0.2952, 0.2850

Square

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



45.0948, 0.3006, 0.3647



45.0948, 0.2612, 0.2939



45.0948, 0.3232, 0.2968



45.0948, 0.3668, 0.3614

Rectangle

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



45.0948, 0.3006, 0.3647



45.0948, 0.2659, 0.3231



45.0948, 0.3232, 0.2968



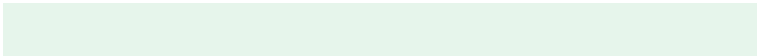
45.0948, 0.3617, 0.3318

Sweetspot

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



45.0967, 0.3006, 0.3647



88.0311, 0.3090, 0.3389



47.3244, 0.3316, 0.3805



18.8624, 0.3086, 0.3400



95.5105, 0.3127, 0.3290



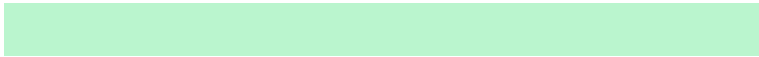
19.5994, 0.3127, 0.3290

Same Dimension

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



45.0967, 0.3006, 0.3647



80.0911, 0.2982, 0.3731



45.8169, 0.2873, 0.3377



10.7020, 0.3071, 0.3445



24.7543, 0.2853, 0.5470



0.9821, 0.2711, 0.4959

Inverse Universe

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



35.5984, 0.3273, 0.2958



59.9359, 0.3309, 0.2887



34.9139, 0.3458, 0.3205



9.6394, 0.3188, 0.3140



8.2805, 0.4290, 0.2137



0.3362, 0.3970, 0.1961

Previews

White Background



This preview shows how the Yxy color 45.0948, 0.3006, 0.3647 looks on a white background.

Color Contrast Check

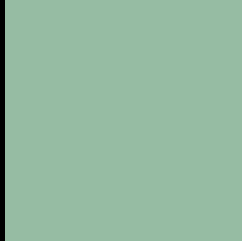
Large Text (above 18pt) WCAG AA × Fail

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 45.0948, 0.3006, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

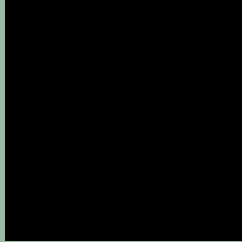
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0948, 0.3006, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 45.0948, 0.3006, 0.3647.



This preview shows how white text looks on a background with the Yxy color 45.0948, 0.3006, 0.3647.

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

45.0948, 0.3006, 0.3647

Protanopia

44.8742, 0.3374, 0.3555

Deuteranopia

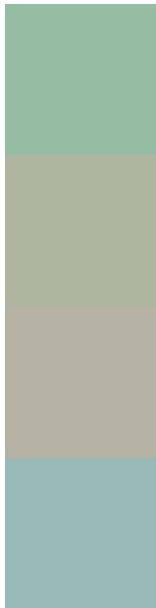
44.5376, 0.3437, 0.3367



Tritanopia

45.0121, 0.2801, 0.3087

Trichromacy



Original Color

45.0948, 0.3006, 0.3647

Protanomaly

44.9926, 0.3234, 0.3590

Deuteranomaly

44.5025, 0.3269, 0.3464

Tritanomaly

45.0707, 0.2878, 0.3289

Monochromacy



Original Color

45.0948, 0.3006, 0.3647

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.1418, 0.3078, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0948, 0.3006, 0.3647 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(150, 188, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 188, 163)  
}
```

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(150, 188, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 188, 163) }
```

Border

The CSS property to change the border of an element to Yxy 45.0948, 0.3006, 0.3647 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(150, 188, 163) }
```

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

```
.border{ border-color:rgb(150, 188, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 188, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 188, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 188, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 188,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0948, 0.3006, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 188, 163) }
```

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

```
.background{ background-color: rgb(150,  
188, 163) }
```

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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