

Converting Colors

$Yxy(44.9206, 0.3013, 0.3648)$

Have a look what the booklet for
Yxy(44.9206, 0.3013, 0.3648)
contains.

Yxy(45.0591, 0.3013, 0.3661)	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(45.0591, 0.3013, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	96BCA2
RGB	150, 188, 162
RGB Percent	59%, 74%, 64%
CMY	0.4118, 0.2627, 0.3646
CMYK	0.20, 0.00, 0.14, 0.26
HSL	139°, 22%, 66%
HSV	139°, 20%, 74%
XYZ	37.0836, 45.0591, 40.9360
YIQ	173.6740, -14.3020, -16.1420

Conversions

Conversions Part 2

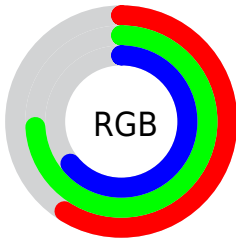
Format	Color
RYB	150, 179, 188
Decimal	9878690
CIELab	72.93, -17.97, 8.98
CIElCh	73, 20.085, 153.440
Yxy	45.0591, 0.3013, 0.3661
Android (android.graphics.Color)	4288068770 (0xFF96BCA2)
YUV	173.6740, -5.7553, -20.7621
Hunter-Lab	67.1261, -18.8588, 10.8310

Details

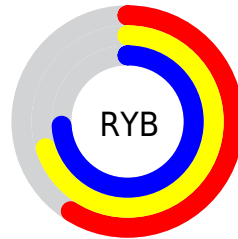
The Yxy color **45.0591, 0.3013, 0.3661** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6373, 0.3263, 0.2946**, and the grayscale version is **42.1884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6903, 0.3037, 0.3585**, and **21.1064, 0.2986, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **42.9842, 0.2960, 0.3877**, and if you desaturate by 10%, it is **47.4706, 0.3069, 0.3467**.

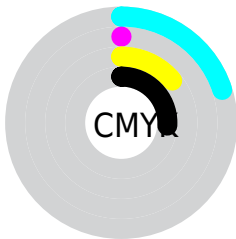
Distribution



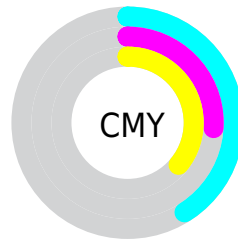
- Red (59%)
- Green (74%)
- Blue (64%)



- Red (59%)
- Yellow (70%)
- Blue (74%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (26%)





- Cyan (41%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0591, 0.3013, 0.3661 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 45.0591, 0.3013, 0.3661 by changing the saturation by 10% instead.


 45.0591, 0.3013,
0.3661

 45.0591, 0.3013,
0.3661


367.0129, 0.3073,
0.3470

 31.5040, 0.2997,
0.3711

 82.8091, 0.3035,
0.3590

 20.9829, 0.2976,
0.3776


 107.7728, 0.3044,
0.3564

 13.1115, 0.2948,
0.3865


137.3080, 0.3050,
0.3542

 7.5054, 0.2906,
0.3993

171.7994, 0.3056,
0.3523

 3.7801, 0.2838,
0.4194

211.6311, 0.3061,
0.3507

 1.5513, 0.2714,
0.4554

257.1877, 0.3066,

 0.3245, 0.0000,

0.3493

1.0000

308.8535, 0.3069,
0.3481

0.0000, 0.0000,
0.0000

45.0591, 0.3013,
0.3661

45.0591, 0.3013,
0.3661

42.9842, 0.2960,
0.3877

47.4706, 0.3069,
0.3467

41.2253, 0.2911,
0.4113

50.2271, 0.3126,
0.3294

39.7680, 0.2871,
0.4364

53.3438, 0.3182,
0.3141

38.5947, 0.2842,
0.4625

56.8330, 0.3236,
0.3007

37.6858, 0.2828,
0.4887

60.7069, 0.3289,
0.2891

■ 37.0192, 0.2830,
0.5137

■ 63.4673, 0.3277,
0.2779

■ 36.5689, 0.2848,
0.5365

■ 64.2547, 0.3180,
0.2661

■ 36.2886, 0.2877,
0.5558

■ 64.4477, 0.3158,
0.2634

Harmonies

Analogous

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



45.0591, 0.3297, 0.3788



45.0591, 0.3013, 0.3661



45.0591, 0.2767, 0.3420

Triad

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



45.0591, 0.3013, 0.3661



45.0591, 0.2715, 0.2830



45.0591, 0.3663, 0.3389

Complementary

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



45.0591, 0.3013, 0.3661



35.6373, 0.3263, 0.2946

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.



45.0591, 0.3493, 0.3154



45.0591, 0.3013, 0.3661



45.0591, 0.2940, 0.2840

Square

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



45.0591, 0.3013, 0.3661



45.0591, 0.2601, 0.2938



45.0591, 0.3224, 0.2957



45.0591, 0.3681, 0.3613

Rectangle

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



45.0591, 0.3013, 0.3661



45.0591, 0.2655, 0.3238



45.0591, 0.3224, 0.2957



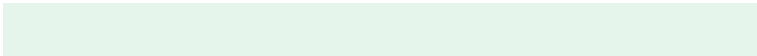
45.0591, 0.3621, 0.3310

Sweetspot

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



45.0610, 0.3013, 0.3661



88.0097, 0.3093, 0.3393



47.4700, 0.3327, 0.3803



18.8573, 0.3089, 0.3404



95.5105, 0.3127, 0.3290



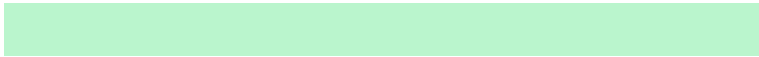
19.5994, 0.3127, 0.3290

Same Dimension

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



45.0610, 0.3013, 0.3661



80.0194, 0.2990, 0.3749



45.7632, 0.2882, 0.3395



10.6981, 0.3074, 0.3451



24.7184, 0.2871, 0.5535



0.9804, 0.2728, 0.5022

Inverse Universe

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



35.6373, 0.3263, 0.2946



60.0169, 0.3297, 0.2872



34.9584, 0.3445, 0.3188



9.6435, 0.3185, 0.3134



8.3634, 0.4194, 0.2084



0.3390, 0.3905, 0.1925

Previews

White Background



This preview shows how the Yxy color 45.0591, 0.3013, 0.3661 looks on a white background.

Color Contrast Check

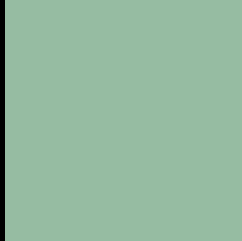
Large Text (above 18pt) WCAG AA × Fail

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 45.0591, 0.3013, 0.3661 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 45.0591, 0.3013, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 45.0591, 0.3013, 0.3661.



This preview shows how white text looks on a background with the Yxy color 45.0591, 0.3013, 0.3661.

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

45.0591, 0.3013, 0.3661

Protanopia

44.8399, 0.3382, 0.3569

Deuteranopia

44.6392, 0.3455, 0.3380



Tritanopia

45.0121, 0.2801, 0.3087

Trichromacy



Original Color

45.0591, 0.3013, 0.3661

Protanomaly

44.9578, 0.3242, 0.3604

Deuteranomaly

44.4662, 0.3278, 0.3477

Tritanomaly

45.0707, 0.2878, 0.3289

Monochromacy



Original Color

45.0591, 0.3013, 0.3661

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 45.0591, 0.3013, 0.3661 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 188, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 188, 162) }
```

Border

The CSS property to change the border of an element to Yxy 45.0591, 0.3013, 0.3661 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, 162) }
```

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

```
.border{ border-color:rgb(150, 188, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 188, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 188, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 188,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0591, 0.3013, 0.3661 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, 162) }
```

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

```
.background{ background-color: rgb(150,  
188, 162) }
```

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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