

Converting Colors

$Yxy(45.6083, 0.3044, 0.3474)$

Have a look what the booklet for
Yxy(45.6083, 0.3044, 0.3474)
contains.

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Color

Yxy(45.4630, 0.3044, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	A3B9AC
RGB	163, 185, 172
RGB Percent	64%, 73%, 67%
CMY	0.3609, 0.2745, 0.3255
CMYK	0.12, 0.00, 0.07, 0.27
HSL	145°, 14%, 68%
HSV	145°, 12%, 73%
XYZ	39.8932, 45.4630, 45.6989
YIQ	176.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

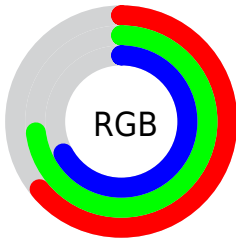
Format	Color
RYB	163, 179, 185
Decimal	10729900
CIELab	73.20, -10.10, 4.04
CIELCh	73, 10.883, 158.191
Yxy	45.4630, 0.3044, 0.3469
Android (android.graphics.Color)	4288919980 (0xFFA3B9AC)
YUV	176.9400, -2.4354, -12.2254
Hunter-Lab	67.4263, -12.3853, 7.0139

Details

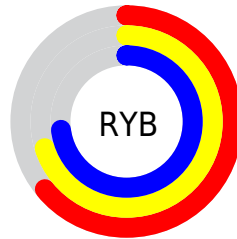
The Yxy color **45.4630, 0.3044, 0.3469** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6310, 0.3220, 0.3117**, and the grayscale version is **43.9473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3621, 0.3062, 0.3438**, and **21.2381, 0.3016, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **43.2506, 0.2976, 0.3639**, and if you desaturate by 10%, it is **47.9994, 0.3114, 0.3317**.

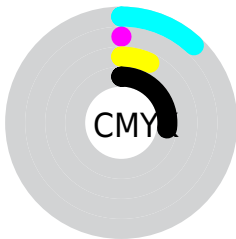
Distribution



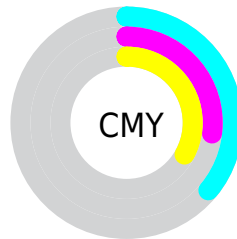
- Red (64%)
- Green (73%)
- Blue (67%)



- Red (64%)
- Yellow (70%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4630, 0.3044, 0.3469 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 45.4630, 0.3044, 0.3469 by changing the saturation by 10% instead.


 45.4630, 0.3044,
0.3469


 45.4630, 0.3044,
0.3469


368.6455, 0.3086,
0.3378

 31.8223, 0.3033,
0.3492


 83.4148, 0.3060,
0.3436

 21.2258, 0.3019,
0.3522


 108.4946, 0.3065,
0.3423

 13.2891, 0.3000,
0.3563


138.1562, 0.3070,
0.3413

 7.6280, 0.2973,
0.3621

172.7841, 0.3074,
0.3404

 3.8578, 0.2931,
0.3711

212.7625, 0.3078,
0.3396

 1.5943, 0.2859,
0.3866

258.4760, 0.3081,

 0.3538, 0.1641,

0.3389

0.6480

310.3088, 0.3084,
0.3383

0.0000, 0.0000,
0.0000

45.4630, 0.3044,
0.3469

45.4630, 0.3044,
0.3469

43.2506, 0.2976,
0.3639

47.9994, 0.3114,
0.3317

41.3433, 0.2912,
0.3826

50.8665, 0.3183,
0.3183

39.7289, 0.2855,
0.4030

54.0780, 0.3252,
0.3064

38.3921, 0.2809,
0.4248

57.6449, 0.3318,
0.2960

37.3163, 0.2775,
0.4475

61.4887, 0.3378,
0.2869

■ 36.4829, 0.2758,
0.4705

■ 62.1098, 0.3292,
0.2764

■ 35.8707, 0.2760,
0.4929

■ 62.7699, 0.3208,
0.2663

■ 35.4548, 0.2780,
0.5140

■ 63.1840, 0.3159,
0.2605

■ 35.2227, 0.2805,
0.5298

Harmonies

Analogous

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



45.4630, 0.3198, 0.3548



45.4630, 0.3044, 0.3469



45.4630, 0.2914, 0.3339

Triad

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



45.4630, 0.3044, 0.3469



45.4630, 0.2919, 0.3034



45.4630, 0.3422, 0.3370

Complementary

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



45.4630, 0.3044, 0.3469



39.6310, 0.3220, 0.3117

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.



45.4630, 0.3343, 0.3237



45.4630, 0.3044, 0.3469



45.4630, 0.3051, 0.3047

Square

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



45.4630, 0.3044, 0.3469



45.4630, 0.2843, 0.3088



45.4630, 0.3206, 0.3121



45.4630, 0.3419, 0.3486

Rectangle

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



45.4630, 0.3044, 0.3469



45.4630, 0.2858, 0.3244



45.4630, 0.3206, 0.3121



45.4630, 0.3404, 0.3326

Sweetspot

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



45.4649, 0.3044, 0.3469



84.9280, 0.3099, 0.3348



46.5997, 0.3226, 0.3587



18.2330, 0.3093, 0.3359



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.



45.4649, 0.3044, 0.3469



80.4471, 0.3028, 0.3507



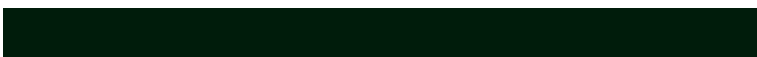
45.8975, 0.2964, 0.3319



10.1195, 0.3062, 0.3428



23.9931, 0.2798, 0.5274



0.8582, 0.2650, 0.4742

Inverse Universe

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



39.6310, 0.3220, 0.3117



68.1724, 0.3241, 0.3083



39.2198, 0.3318, 0.3261



9.0988, 0.3198, 0.3156



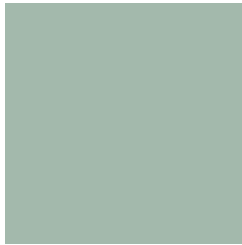
7.7930, 0.4558, 0.2284



0.2867, 0.4123, 0.2045

Previews

White Background



This preview shows how the Yxy color 45.4630, 0.3044, 0.3469 looks on a white background.

Color Contrast Check

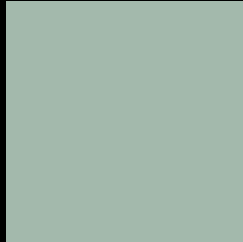
Large Text (above 18pt) WCAG AA × Fail

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 45.4630, 0.3044, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

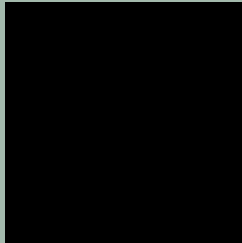
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

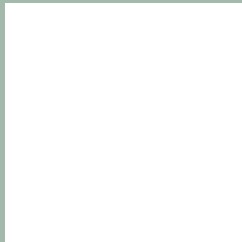
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4630, 0.3044, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 45.4630, 0.3044, 0.3469.



This preview shows how white text looks on a background with the Yxy color 45.4630, 0.3044, 0.3469.

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

45.4630, 0.3044, 0.3469

Protanopia

45.4191, 0.3261, 0.3422

Deuteranopia

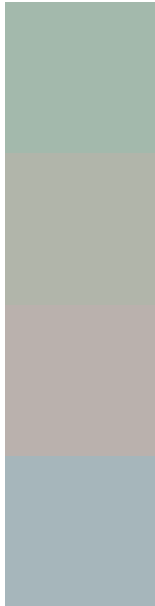
45.0852, 0.3354, 0.3278



Tritanopia

45.2488, 0.2898, 0.3091

Trichromacy



Original Color

45.4630, 0.3044, 0.3469

Protanomaly

45.2971, 0.3181, 0.3438

Deuteranomaly

44.9005, 0.3240, 0.3343

Tritanomaly

45.1507, 0.2956, 0.3222

Monochromacy



Original Color

45.4630, 0.3044, 0.3469

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.5083, 0.3098, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4630, 0.3044, 0.3469 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(163, 185, 172)` looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 172)  
}
```

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(163, 185, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 172) }
```

Border

The CSS property to change the border of an element to Yxy 45.4630, 0.3044, 0.3469 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(163, 185, 172) }
```

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

```
.border{ border-color:rgb(163, 185, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 172);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4630, 0.3044, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 172) }
```

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

```
.background{ background-color: rgb(163,  
185, 172) }
```

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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