

Converting Colors

$Yxy(45.3999, 0.3029, 0.3425)$

Have a look what the booklet for
Yxy(45.3999, 0.3029, 0.3425)
contains.

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Color

Yxy(45.2686, 0.3030, 0.3413)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A4B8AF |
| RGB | 164, 184, 175 |
| RGB Percent | 64%, 72%, 69% |
| CMY | 0.3569, 0.2784, 0.3137 |
| CMYK | 0.11, 0.00, 0.05, 0.28 |
| HSL | 153°, 12%, 68% |
| HSV | 153°, 11%, 72% |
| XYZ | 40.1886, 45.2686, 47.1786 |
| YIQ | 176.9940, -9.0310, -7.0390 |

Conversions

Conversions Part 2

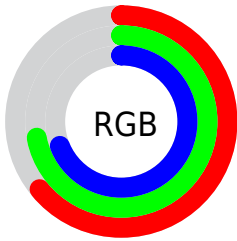
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 164, 177, 184 |
| Decimal | 10795183 |
| CIELab | 73.07, -8.63, 2.22 |
| CIELCh | 73, 8.915, 165.550 |
| Yxy | 45.2686, 0.3030, 0.3413 |
| Android (android.graphics.Color) | 4288985263 (0xFFA4B8AF) |
| YUV | 176.9940, -0.9830, -11.3957 |
| Hunter-Lab | 67.2819, -11.1223, 5.5228 |

Details

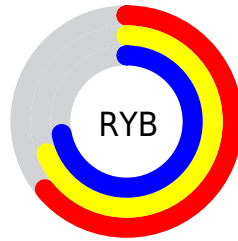
The Yxy color $45.2686, 0.3030, 0.3413$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $39.7599, 0.3236, 0.3170$, and the grayscale version is $43.9731, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.0934, 0.3051, 0.3395$, and $21.1074, 0.2996, 0.3442$ is the 20% darker color. If you saturate the color by 10%, you get $43.1369, 0.2944, 0.3539$, and if you desaturate by 10%, it is $47.7073, 0.3119, 0.3299$.

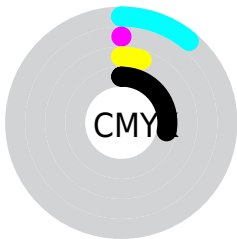
Distribution



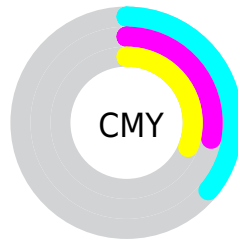
- Red (64%)
- Green (72%)
- Blue (69%)



- Red (64%)
- Yellow (69%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)





- Cyan (36%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2686, 0.3030, 0.3413 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 45.2686, 0.3030, 0.3413 by changing the saturation by 10% instead.


 45.2686, 0.3030,
0.3413

 45.2686, 0.3030,
0.3413


367.8603, 0.3079,
0.3351

 31.6690, 0.3018,
0.3429


 83.1233, 0.3048,
0.3390

 21.1088, 0.3001,
0.3449


 108.1473, 0.3055,
0.3382

 13.2036, 0.2980,
0.3477


137.7482, 0.3060,
0.3374

 7.5689, 0.2949,
0.3516

172.3104, 0.3065,
0.3368

 3.8203, 0.2903,
0.3576

212.2183, 0.3069,
0.3363

 1.5736, 0.2823,
0.3680

257.8563, 0.3073,

 0.3397, 0.1683,

0.3358

0.5099

309.6089, 0.3076,
0.3354

0.0000, 0.0000,
0.0000

45.2686, 0.3030,
0.3413

45.2686, 0.3030,
0.3413

43.1369, 0.2944,
0.3539

47.7073, 0.3119,
0.3299

41.2940, 0.2863,
0.3679

50.4591, 0.3210,
0.3198

39.7284, 0.2790,
0.3830

53.5368, 0.3299,
0.3108

38.4259, 0.2729,
0.3991

56.9511, 0.3386,
0.3029

37.3705, 0.2682,
0.4161

60.5209, 0.3463,
0.2959

■ 36.5448, 0.2653,
0.4335

■ 60.9611, 0.3395,
0.2877

■ 35.9288, 0.2643,
0.4511

■ 61.4231, 0.3328,
0.2797

■ 35.4989, 0.2654,
0.4683

■ 61.9074, 0.3264,
0.2720

■ 35.2261, 0.2676,
0.4834

■ 62.4141, 0.3201,
0.2644

Harmonies

Analogous

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



45.2686, 0.3155, 0.3490



45.2686, 0.3030, 0.3413



45.2686, 0.2932, 0.3302

Triad

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



45.2686, 0.3030, 0.3413



45.2686, 0.2979, 0.3077



45.2686, 0.3374, 0.3382

Complementary

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



45.2686, 0.3030, 0.3413



39.7599, 0.3236, 0.3170

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.



45.2686, 0.3325, 0.3274



45.2686, 0.3030, 0.3413



45.2686, 0.3096, 0.3100

Square

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



45.2686, 0.3030, 0.3413



45.2686, 0.2903, 0.3108



45.2686, 0.3223, 0.3172



45.2686, 0.3355, 0.3469

Rectangle

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



45.2686, 0.3030, 0.3413



45.2686, 0.2895, 0.3225



45.2686, 0.3223, 0.3172



45.2686, 0.3365, 0.3347

Sweetspot

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



45.2705, 0.3030, 0.3413



85.4680, 0.3100, 0.3323



45.8474, 0.3191, 0.3561



18.3462, 0.3092, 0.3332



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.



45.2705, 0.3030, 0.3413



81.1053, 0.3009, 0.3442



45.2220, 0.2963, 0.3276



10.1406, 0.3044, 0.3395



24.2910, 0.2671, 0.4814



0.8686, 0.2550, 0.4379

Inverse Universe

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



39.7599, 0.3236, 0.3170



69.1518, 0.3263, 0.3143



39.7825, 0.3316, 0.3304



9.0776, 0.3219, 0.3188



7.4651, 0.5141, 0.2606



0.2757, 0.4518, 0.2263

Previews

White Background



This preview shows how the Yxy color 45.2686, 0.3030, 0.3413 looks on a white background.

Color Contrast Check

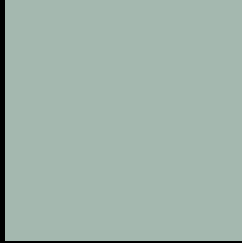
Large Text (above 18pt) WCAG AA × Fail

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 45.2686, 0.3030, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

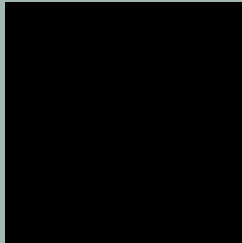
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

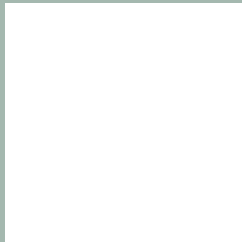
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2686, 0.3030, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 45.2686, 0.3030, 0.3413.



This preview shows how white text looks on a background with the Yxy color 45.2686, 0.3030, 0.3413.

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

45.2686, 0.3030, 0.3413

Protanopia

45.0097, 0.3229, 0.3369

Deuteranopia

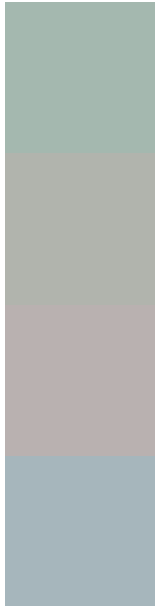
44.9318, 0.3310, 0.3240



Tritanopia

45.2034, 0.2905, 0.3104

Trichromacy



Original Color

45.2686, 0.3030, 0.3413

Protanomaly

45.0068, 0.3157, 0.3384

Deuteranomaly

44.8932, 0.3206, 0.3303

Tritanomaly

45.1937, 0.2949, 0.3209

Monochromacy



Original Color

45.2686, 0.3030, 0.3413

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.5478, 0.3090, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2686, 0.3030, 0.3413 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(164, 184, 175)` looks like.

```
.text, #text, p{  
    color:rgb(164, 184, 175)  
}
```

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(164, 184, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 184, 175) }
```

Border

The CSS property to change the border of an element to Yxy 45.2686, 0.3030, 0.3413 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(164, 184, 175) }
```

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

```
.border{ border-color:rgb(164, 184, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 184, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 184, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 184, 175);  
box-shadow:4px 4px 4px 4px rgb(164, 184,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2686, 0.3030, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 184, 175) }
```

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

```
.background{ background-color: rgb(164,  
184, 175) }
```

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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