

Converting Colors

$Yxy(45.9852, 0.3028, 0.3394)$

Have a look what the booklet for
Yxy(45.9852, 0.3028, 0.3394)
contains.

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Color

Yxy(45.9792, 0.3031, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	A6B9B1
RGB	166, 185, 177
RGB Percent	65%, 73%, 69%
CMY	0.3490, 0.2745, 0.3058
CMYK	0.10, 0.00, 0.04, 0.27
HSL	155°, 12%, 69%
HSV	155°, 10%, 73%
XYZ	41.0132, 45.9792, 48.3201
YIQ	178.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

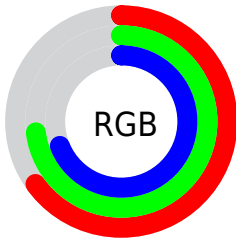
Format	Color
RYB	166, 178, 185
Decimal	10926513
CIELab	73.53, -8.08, 1.81
CIELCh	74, 8.283, 167.356
Yxy	45.9792, 0.3031, 0.3398
Android (android.graphics.Color)	4289116593 (0xFFA6B9B1)
YUV	178.4070, -0.6937, -10.8809
Hunter-Lab	67.8080, -10.6993, 5.2154

Details

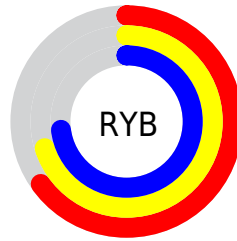
The Yxy color **45.9792, 0.3031, 0.3398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.6444, 0.3235, 0.3184**, and the grayscale version is **44.7569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1659, 0.3046, 0.3374**, and **21.5352, 0.3008, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **43.8223, 0.2940, 0.3515**, and if you desaturate by 10%, it is **48.4452, 0.3125, 0.3293**.

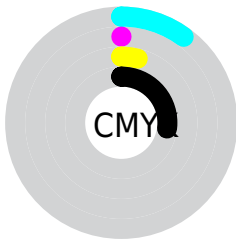
Distribution



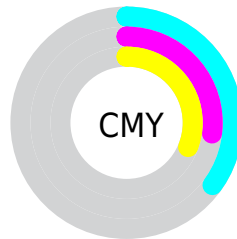
- Red (65%)
- Green (73%)
- Blue (69%)



- Red (65%)
- Yellow (70%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)





- Cyan (35%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9792, 0.3031, 0.3398 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 45.9792, 0.3031, 0.3398 by changing the saturation by 10% instead.

 45.9792, 0.3031,
0.3398

 45.9792, 0.3031,
0.3398


370.7250, 0.3079,
0.3344

 32.2294, 0.3019,
0.3412


 84.1879, 0.3049,
0.3378

 21.5368, 0.3003,
0.3430


 109.4155, 0.3055,
0.3371

 13.5169, 0.2982,
0.3454


139.2379, 0.3061,
0.3364

 7.7855, 0.2952,
0.3487

174.0395, 0.3066,
0.3359

 3.9580, 0.2907,
0.3539

214.2046, 0.3070,
0.3354

 1.6501, 0.2831,
0.3627

260.1176, 0.3073,

 0.3910, 0.2017,

0.3350

0.4524

312.1630, 0.3077,
0.3347

0.0000, 0.0000,
0.0000

45.9792, 0.3031,
0.3398

45.9792, 0.3031,
0.3398

43.8223, 0.2940,
0.3515

48.4452, 0.3125,
0.3293

41.9562, 0.2855,
0.3644

51.2263, 0.3219,
0.3199

40.3694, 0.2779,
0.3783

54.3356, 0.3313,
0.3115

39.0475, 0.2714,
0.3933

57.7836, 0.3405,
0.3042

37.9747, 0.2664,
0.4090

60.9093, 0.3466,
0.2975

■ 37.1333, 0.2631,
0.4252

■ 61.3204, 0.3402,
0.2898

■ 36.5035, 0.2618,
0.4415

■ 61.7507, 0.3340,
0.2822

■ 36.0617, 0.2625,
0.4576

■ 62.2006, 0.3279,
0.2749

■ 35.7663, 0.2647,
0.4729

■ 62.6702, 0.3219,
0.2677

Harmonies

Analogous

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



45.9792, 0.3146, 0.3472



45.9792, 0.3031, 0.3398



45.9792, 0.2943, 0.3295

Triad

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



45.9792, 0.3031, 0.3398



45.9792, 0.2996, 0.3092



45.9792, 0.3356, 0.3381

Complementary

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



45.9792, 0.3031, 0.3398



40.6444, 0.3235, 0.3184

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.



45.9792, 0.3315, 0.3281



45.9792, 0.3031, 0.3398



45.9792, 0.3105, 0.3117

Square

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



45.9792, 0.3031, 0.3398



45.9792, 0.2923, 0.3119



45.9792, 0.3222, 0.3186



45.9792, 0.3335, 0.3460

Rectangle

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



45.9792, 0.3031, 0.3398



45.9792, 0.2911, 0.3224



45.9792, 0.3222, 0.3186



45.9792, 0.3349, 0.3349

Sweetspot

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



45.9811, 0.3031, 0.3398



85.4805, 0.3098, 0.3321



46.4775, 0.3185, 0.3546



18.3497, 0.3091, 0.3329



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.



45.9811, 0.3031, 0.3398



81.5635, 0.3013, 0.3420



45.7812, 0.2971, 0.3273



10.1451, 0.3040, 0.3388



24.3683, 0.2642, 0.4709



0.8711, 0.2528, 0.4301

Inverse Universe

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



40.6444, 0.3235, 0.3184



70.3581, 0.3257, 0.3164



40.8052, 0.3304, 0.3307



9.0731, 0.3224, 0.3194



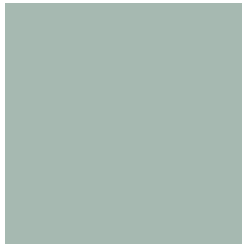
7.4085, 0.5265, 0.2674



0.2736, 0.4606, 0.2311

Previews

White Background



This preview shows how the Yxy color 45.9792, 0.3031, 0.3398 looks on a white background.

Color Contrast Check

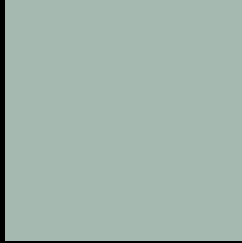
Large Text (above 18pt) WCAG AA × Fail

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 45.9792, 0.3031, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

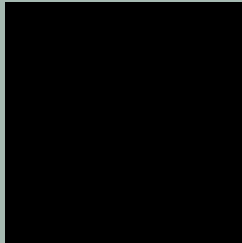
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

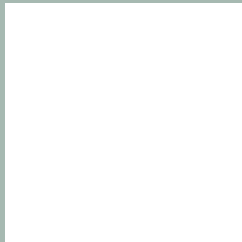
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9792, 0.3031, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 45.9792, 0.3031, 0.3398.



This preview shows how white text looks on a background with the Yxy color 45.9792, 0.3031, 0.3398.

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

45.9792, 0.3031, 0.3398

Protanopia

46.0128, 0.3219, 0.3369

Deuteranopia

45.9204, 0.3299, 0.3240



Tritanopia

45.9221, 0.2907, 0.3092

Trichromacy



Original Color

45.9792, 0.3031, 0.3398

Protanomaly

46.0160, 0.3148, 0.3383

Deuteranomaly

45.8937, 0.3196, 0.3303

Tritanomaly

45.9095, 0.2950, 0.3196

Monochromacy



Original Color

45.9792, 0.3031, 0.3398

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.2608, 0.3091, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9792, 0.3031, 0.3398 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(166, 185, 177)` looks like.

```
.text, #text, p{  
    color:rgb(166, 185, 177)  
}
```

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(166, 185, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 185, 177) }
```

Border

The CSS property to change the border of an element to Yxy 45.9792, 0.3031, 0.3398 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(166, 185, 177) }
```

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

```
.border{ border-color:rgb(166, 185, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 185, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 185, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 185, 177);  
box-shadow:4px 4px 4px 4px rgb(166, 185,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9792, 0.3031, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 185, 177) }
```

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

```
.background{ background-color: rgb(166,  
185, 177) }
```

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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