

Converting Colors

$Y_{xy}(50.3265, 0.2922, 0.3310)$

Have a look what the booklet for
Yxy(50.3265, 0.2922, 0.3310)
contains.

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Color

Yxy(50.4963, 0.2924, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	A6C2C0
RGB	166, 194, 192
RGB Percent	65%, 76%, 75%
CMY	0.3491, 0.2392, 0.2471
CMYK	0.14, 0.00, 0.01, 0.24
HSL	176°, 19%, 71%
HSV	176°, 14%, 76%
XYZ	44.5269, 50.4963, 57.2576
YIQ	185.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

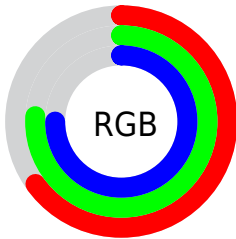
Format	Color
R _Y B	166, 181, 194
Decimal	10928832
CIE Lab	76.37, -9.83, -2.17
CIE LCh	76, 10.068, 192.434
Yxy	50.4963, 0.2924, 0.3316
Android (android.graphics.Color)	4289118912 (0xFFA6C2C0)
YUV	185.4000, 3.2538, -17.0138
Hunter-Lab	71.0607, -12.5076, 1.9693

Details

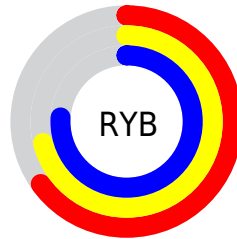
The Yxy color **50.4963, 0.2924, 0.3316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5634, 0.3373, 0.3264**, and the grayscale version is **48.7368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1438, 0.2960, 0.3320**, and **24.1977, 0.2867, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **48.4958, 0.2793, 0.3336**, and if you desaturate by 10%, it is **52.8179, 0.3063, 0.3298**.

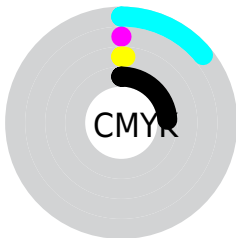
Distribution



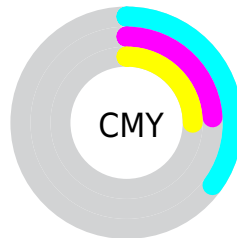
- Red (65%)
- Green (76%)
- Blue (75%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4963, 0.2924, 0.3316 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 50.4963, 0.2924, 0.3316 by changing the saturation by 10% instead.


 50.4963, 0.2924,
0.3316

 50.4963, 0.2924,
0.3316

388.6036, 0.3024,
0.3304

 35.8079, 0.2900,
0.3319


 90.9098, 0.2960,
0.3312

 24.2859, 0.2868,
0.3322


 117.4037, 0.2973,
0.3310

 15.5458, 0.2828,
0.3327


148.6015, 0.2985,
0.3309

 9.2033, 0.2771,
0.3332

184.8876, 0.2995,
0.3307

 4.8741, 0.2689,
0.3340

226.6465, 0.3004,
0.3306

 2.1736, 0.2558,
0.3351

274.2626, 0.3011,

 0.7055, 0.2094,

0.3305

0.3432

328.1201, 0.3018,
0.3305

0.0000, 0.0000,
0.0000

50.4963, 0.2924,
0.3316

50.4963, 0.2924,
0.3316

48.4958, 0.2793,
0.3336

52.8179, 0.3063,
0.3298

46.7959, 0.2674,
0.3357

55.4675, 0.3208,
0.3281

45.3836, 0.2570,
0.3380

58.4597, 0.3356,
0.3266

44.2423, 0.2481,
0.3403

61.8063, 0.3505,
0.3253

43.3539, 0.2411,
0.3427

63.9725, 0.3588,
0.3240

■ 42.6979, 0.2360,
0.3452

■ 64.0380, 0.3576,
0.3225

■ 42.2507, 0.2328,
0.3476

■ 64.1042, 0.3565,
0.3211

■ 41.9839, 0.2313,
0.3500

■ 64.1710, 0.3553,
0.3196

■ 41.8824, 0.2309,
0.3514

■ 64.2384, 0.3542,
0.3182

Harmonies

Analogous

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



50.4963, 0.3035, 0.3435



50.4963, 0.2924, 0.3316



50.4963, 0.2868, 0.3192

Triad

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



50.4963, 0.2924, 0.3316



50.4963, 0.3078, 0.3078



50.4963, 0.3381, 0.3477

Complementary

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



50.4963, 0.2924, 0.3316



41.5634, 0.3373, 0.3264

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.



50.4963, 0.3394, 0.3378



50.4963, 0.2924, 0.3316



50.4963, 0.3217, 0.3151

Square

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



50.4963, 0.2924, 0.3316



50.4963, 0.2955, 0.3059



50.4963, 0.3334, 0.3260



50.4963, 0.3299, 0.3528

Rectangle

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



50.4963, 0.2924, 0.3316



50.4963, 0.2867, 0.3125



50.4963, 0.3334, 0.3260



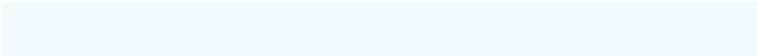
50.4963, 0.3394, 0.3448

Sweetspot

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



50.4984, 0.2924, 0.3316



95.8538, 0.3069, 0.3297



49.7006, 0.3128, 0.3667



20.9155, 0.3058, 0.3298



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



50.4984, 0.2924, 0.3316



90.3980, 0.2886, 0.3322



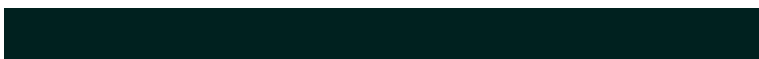
45.5922, 0.2905, 0.3134



11.4155, 0.2994, 0.3306



27.5380, 0.2308, 0.3510



1.1937, 0.2294, 0.3456

Inverse Universe

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



41.5634, 0.3373, 0.3264



71.4286, 0.3431, 0.3259



45.9288, 0.3370, 0.3441



10.0895, 0.3278, 0.3274



7.5664, 0.6311, 0.3250



0.3311, 0.6001, 0.3080

Previews

White Background



This preview shows how the Yxy color 50.4963, 0.2924, 0.3316 looks on a white background.

Color Contrast Check

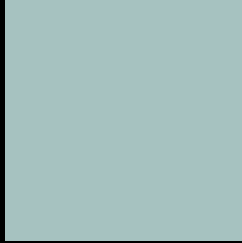
Large Text (above 18pt) WCAG AA × Fail

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 50.4963, 0.2924, 0.3316 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

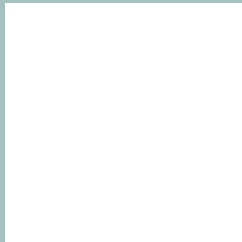
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4963, 0.2924, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 50.4963, 0.2924, 0.3316.

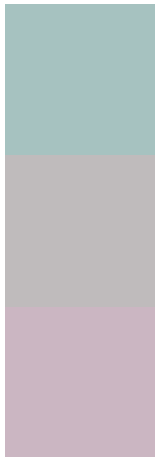


This preview shows how white text looks on a background with the Yxy color 50.4963, 0.2924, 0.3316.

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

50.4963, 0.2924, 0.3316

Protanopia

50.2479, 0.3153, 0.3278

Deuteranopia

50.0474, 0.3210, 0.3145



Tritanopia

50.6393, 0.2843, 0.3098

Trichromacy



Original Color

50.4963, 0.2924, 0.3316

Protanomaly

50.4461, 0.3070, 0.3303

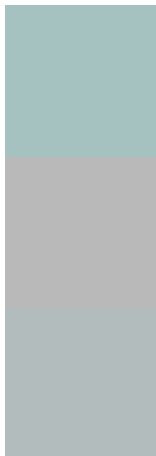
Deuteranomaly

49.9152, 0.3106, 0.3202

Tritanomaly

50.7290, 0.2870, 0.3173

Monochromacy



Original Color

50.4963, 0.2924, 0.3316

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0623, 0.3046, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4963, 0.2924, 0.3316 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, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(166, 194, 192)  
}
```

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, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 194, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.4963, 0.2924, 0.3316 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, 194, 192) }
```

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

```
.border{ border-color:rgb(166, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(166, 194,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4963, 0.2924, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 194, 192) }
```

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

```
.background{ background-color: rgb(166,  
194, 192) }
```

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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