

Converting Colors

$Yxy(50.2864, 0.3031, 0.3464)$

Have a look what the booklet for
Yxy(50.2864, 0.3031, 0.3464)
contains.

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Color

Yxy(50.3548, 0.3024, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	A9C2B5
RGB	169, 194, 181
RGB Percent	66%, 76%, 71%
CMY	0.3375, 0.2391, 0.2902
CMYK	0.13, 0.00, 0.07, 0.24
HSL	149°, 17%, 71%
HSV	149°, 13%, 76%
XYZ	43.9841, 50.3548, 51.1111
YIQ	185.0430, -10.7270, -9.3430

Conversions

Conversions Part 2

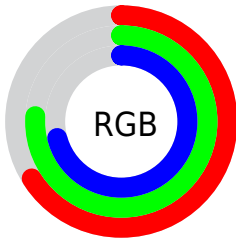
Format	Color
R _Y B	169, 186, 194
Decimal	11125429
CIE Lab	76.29, -11.04, 3.68
CIE LCh	76, 11.641, 161.572
Yxy	50.3548, 0.3024, 0.3462
Android (android.graphics.Color)	4289315509 (0xFFA9C2B5)
YUV	185.0430, -1.9932, -14.0697
Hunter-Lab	70.9611, -13.5416, 6.9680

Details

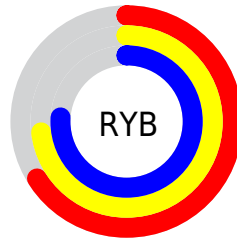
The Yxy color $50.3548, 0.3024, 0.3462$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $43.2027, 0.3245, 0.3124$, and the grayscale version is $48.5521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.9561, 0.3040, 0.3433$, and $24.0966, 0.3000, 0.3508$ is the 20% darker color. If you saturate the color by 10%, you get $47.9698, 0.2947, 0.3613$, and if you desaturate by 10%, it is $53.0924, 0.3104, 0.3327$.

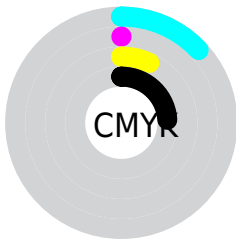
Distribution



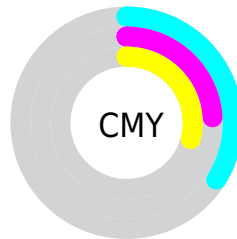
- Red (66%)
- Green (76%)
- Blue (71%)



- Red (66%)
- Yellow (73%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)




- Cyan (34%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3548, 0.3024, 0.3462 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 50.3548, 0.3024, 0.3462 by changing the saturation by 10% instead.


 50.3548, 0.3024,
0.3462


 50.3548, 0.3024,
0.3462


388.0518, 0.3075,
0.3376

 35.6954, 0.3011,
0.3483


 90.7003, 0.3043,
0.3431

 24.1990, 0.2995,
0.3511


 117.1553, 0.3050,
0.3419

 15.4813, 0.2973,
0.3548


148.3108, 0.3056,
0.3409

 9.1579, 0.2942,
0.3599

184.5514, 0.3061,
0.3401

 4.8443, 0.2897,
0.3676

226.2614, 0.3065,
0.3393

 2.1562, 0.2822,
0.3804

273.8252, 0.3069,

 0.6960, 0.2467,

0.3387

0.4382

327.6272, 0.3072,
0.3381

0.0000, 0.0000,
0.0000

50.3548, 0.3024,
0.3462

50.3548, 0.3024,
0.3462

47.9698, 0.2947,
0.3613

53.0924, 0.3104,
0.3327

45.9164, 0.2875,
0.3779

56.1899, 0.3184,
0.3206

44.1811, 0.2812,
0.3959


59.6624, 0.3264,
0.3100


42.7468, 0.2760,
0.4150


63.5222, 0.3341,
0.3007

41.5951, 0.2723,
0.4351


65.6444, 0.3330,
0.2914

 40.7051, 0.2703,
0.4554

 66.2319, 0.3254,
0.2818

 40.0530, 0.2703,
0.4756

 66.8527, 0.3180,
0.2724

 39.6105, 0.2722,
0.4949

 67.0725, 0.3155,
0.2693

 39.3866, 0.2744,
0.5079

Harmonies

Analogous

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



50.3548, 0.3183, 0.3551



50.3548, 0.3024, 0.3462



50.3548, 0.2895, 0.3324

Triad

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



50.3548, 0.3024, 0.3462



50.3548, 0.2925, 0.3023



50.3548, 0.3436, 0.3387

Complementary

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



50.3548, 0.3024, 0.3462



43.2027, 0.3245, 0.3124

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.



50.3548, 0.3363, 0.3251



50.3548, 0.3024, 0.3462



50.3548, 0.3066, 0.3045

Square

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



50.3548, 0.3024, 0.3462



50.3548, 0.2839, 0.3071



50.3548, 0.3227, 0.3127



50.3548, 0.3423, 0.3503

Rectangle

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



50.3548, 0.3024, 0.3462



50.3548, 0.2842, 0.3226



50.3548, 0.3227, 0.3127



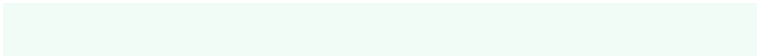
50.3548, 0.3421, 0.3342

Sweetspot

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



50.3569, 0.3024, 0.3462



95.5713, 0.3095, 0.3341



51.4387, 0.3220, 0.3615



20.8422, 0.3088, 0.3351



0.0000, 0.0000, 0.0000



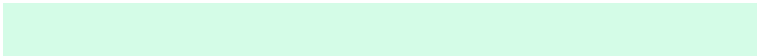
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3569, 0.3024, 0.3462



89.7052, 0.2998, 0.3510



50.8796, 0.2938, 0.3300



11.3376, 0.3052, 0.3412



25.9059, 0.2737, 0.5055



1.1332, 0.2620, 0.4632

Inverse Universe

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



43.2027, 0.3245, 0.3124



73.7813, 0.3280, 0.3080



42.7203, 0.3352, 0.3280



10.1633, 0.3210, 0.3171



8.1726, 0.4855, 0.2448



0.3670, 0.4391, 0.2193

Previews

White Background



This preview shows how the Yxy color 50.3548, 0.3024, 0.3462 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 50.3548, 0.3024, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

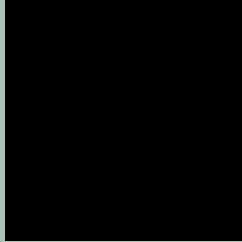
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

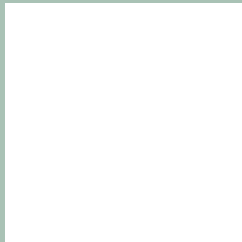
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3548, 0.3024, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 50.3548, 0.3024, 0.3462.



This preview shows how white text looks on a background with the Yxy color 50.3548, 0.3024, 0.3462.

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

50.3548, 0.3024, 0.3462

Protanopia

50.1843, 0.3265, 0.3416

Deuteranopia

50.1820, 0.3327, 0.3266



Tritanopia

50.1674, 0.2878, 0.3086

Trichromacy



Original Color

50.3548, 0.3024, 0.3462

Protanomaly

50.3556, 0.3178, 0.3444

Deuteranomaly

49.8742, 0.3209, 0.3328

Tritanomaly

50.0635, 0.2933, 0.3212

Monochromacy



Original Color

50.3548, 0.3024, 0.3462

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0108, 0.3084, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3548, 0.3024, 0.3462 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(169, 194, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 194, 181)  
}
```

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(169, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 194, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.3548, 0.3024, 0.3462 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(169, 194, 181) }
```

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

```
.border{ border-color:rgb(169, 194, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 194, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 194, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 194, 181);  
box-shadow:4px 4px 4px 4px rgb(169, 194,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3548, 0.3024, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 194, 181) }
```

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

```
.background{ background-color: rgb(169,  
194, 181) }
```

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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