

Converting Colors

$Yxy(42.3343, 0.3012, 0.3581)$

Have a look what the booklet for
Yxy(42.3343, 0.3012, 0.3581)
contains.

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Color

Yxy(42.4541, 0.3005, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	95B6A2
RGB	149, 182, 162
RGB Percent	58%, 71%, 64%
CMY	0.4159, 0.2862, 0.3647
CMYK	0.18, 0.00, 0.11, 0.29
HSL	144°, 18%, 65%
HSV	144°, 18%, 71%
XYZ	35.6354, 42.4541, 40.4974
YIQ	169.8530, -13.2480, -13.2160

Conversions

Conversions Part 2

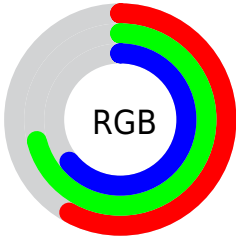
Format	Color
RYB	149, 173, 182
Decimal	9811618
CIELab	71.18, -15.25, 6.48
CIELCh	71, 16.572, 156.965
Yxy	42.4541, 0.3005, 0.3580
Android (android.graphics.Color)	4288001698 (0xFF95B6A2)
YUV	169.8530, -3.8715, -18.2881
Hunter-Lab	65.1568, -16.3998, 8.7588

Details

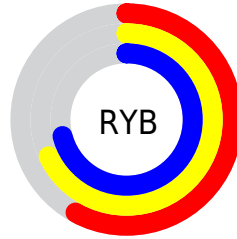
The Yxy color **42.4541, 0.3005, 0.3580** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.2860, 0.3272, 0.3017**, and the grayscale version is **40.1414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8553, 0.3025, 0.3522**, and **19.4230, 0.2974, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **40.5016, 0.2941, 0.3766**, and if you desaturate by 10%, it is **44.7120, 0.3072, 0.3413**.

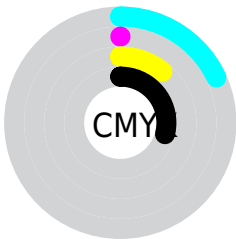
Distribution



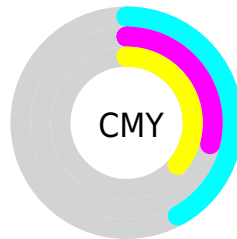
- Red (58%)
- Green (71%)
- Blue (64%)



- Red (58%)
- Yellow (68%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)





- Cyan (42%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4541, 0.3005, 0.3580 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 42.4541, 0.3005, 0.3580 by changing the saturation by 10% instead.


 42.4541, 0.3005,
0.3580

 42.4541, 0.3005,
0.3580


356.3619, 0.3069,
0.3430

 29.4570, 0.2988,
0.3619


 78.8864, 0.3029,
0.3524

 19.4268, 0.2966,
0.3671

 103.0905, 0.3037,
0.3504

 11.9791, 0.2936,
0.3742


131.7990, 0.3045,
0.3486

 6.7294, 0.2892,
0.3845

165.3963, 0.3051,
0.3472

 3.2935, 0.2822,
0.4008

204.2669, 0.3056,
0.3459

 1.2868, 0.2694,
0.4310

248.7951, 0.3061,

 0.1310, 0.0000,

0.3448

1.0000

299.3653, 0.3065,
0.3438

0.0000, 0.0000,
0.0000

42.4541, 0.3005,
0.3580

42.4541, 0.3005,
0.3580

40.5016, 0.2941,
0.3766

44.7120, 0.3072,
0.3413

38.8359, 0.2883,
0.3969

47.2824, 0.3140,
0.3264

37.4445, 0.2834,
0.4187

50.1788, 0.3207,
0.3133

36.3118, 0.2796,
0.4417

53.4123, 0.3272,
0.3017

35.4207, 0.2774,
0.4651

56.9935, 0.3335,
0.2916

■ 34.7519, 0.2769,
0.4883

■ 60.3301, 0.3370,
0.2824

■ 34.2828, 0.2782,
0.5104

■ 60.9619, 0.3282,
0.2720

■ 33.9776, 0.2811,
0.5305

■ 61.6335, 0.3197,
0.2619

■ 33.9295, 0.2817,
0.5340

■ 61.9435, 0.3161,
0.2575

Harmonies

Analogous

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



42.4541, 0.3245, 0.3700



42.4541, 0.3005, 0.3580



42.4541, 0.2804, 0.3374

Triad

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



42.4541, 0.3005, 0.3580



42.4541, 0.2797, 0.2896



42.4541, 0.3586, 0.3400

Complementary

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



42.4541, 0.3005, 0.3580



34.2860, 0.3272, 0.3017

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.



42.4541, 0.3457, 0.3198



42.4541, 0.3005, 0.3580



42.4541, 0.2997, 0.2915

Square

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



42.4541, 0.3005, 0.3580



42.4541, 0.2687, 0.2979



42.4541, 0.3239, 0.3024



42.4541, 0.3586, 0.3584

Rectangle

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



42.4541, 0.3005, 0.3580



42.4541, 0.2716, 0.3223



42.4541, 0.3239, 0.3024



42.4541, 0.3556, 0.3333

Sweetspot

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



42.4559, 0.3005, 0.3580



82.4216, 0.3093, 0.3365



44.1039, 0.3282, 0.3751



18.1343, 0.3088, 0.3376



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.



42.4559, 0.3005, 0.3580



75.4023, 0.2978, 0.3656



43.0680, 0.2886, 0.3344



10.1173, 0.3064, 0.3432



23.9675, 0.2811, 0.5318



0.8572, 0.2661, 0.4779

Inverse Universe

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



34.2860, 0.3272, 0.3017



57.7051, 0.3313, 0.2951



33.7162, 0.3434, 0.3237



9.1010, 0.3196, 0.3153



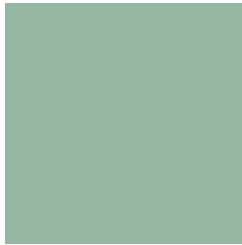
7.8338, 0.4498, 0.2251



0.2880, 0.4083, 0.2023

Previews

White Background



This preview shows how the Yxy color 42.4541, 0.3005, 0.3580 looks on a white background.

Color Contrast Check

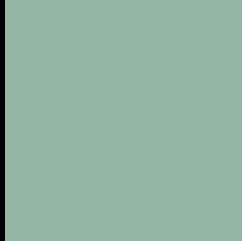
Large Text (above 18pt) WCAG AA × Fail

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 42.4541, 0.3005, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

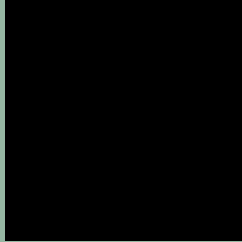
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4541, 0.3005, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 42.4541, 0.3005, 0.3580.



This preview shows how white text looks on a background with the Yxy color 42.4541, 0.3005, 0.3580.

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

42.4541, 0.3005, 0.3580

Protanopia

42.1452, 0.3336, 0.3508

Deuteranopia

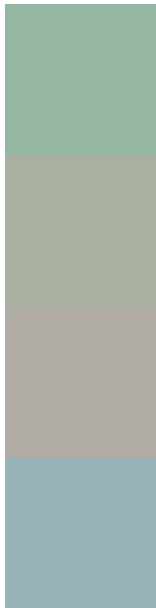
42.1912, 0.3397, 0.3330



Tritanopia

42.5166, 0.2823, 0.3096

Trichromacy



Original Color

42.4541, 0.3005, 0.3580

Protanomaly

41.9889, 0.3205, 0.3528

Deuteranomaly

42.0325, 0.3248, 0.3413

Tritanomaly

42.2518, 0.2887, 0.3261

Monochromacy



Original Color

42.4541, 0.3005, 0.3580

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.7435, 0.3078, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4541, 0.3005, 0.3580 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(149, 182, 162)` looks like.

```
.text, #text, p{  
    color:rgb(149, 182, 162)  
}
```

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(149, 182, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 182, 162) }
```

Border

The CSS property to change the border of an element to Yxy 42.4541, 0.3005, 0.3580 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(149, 182, 162) }
```

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

```
.border{ border-color:rgb(149, 182, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 182, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 182, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 182, 162);  
box-shadow:4px 4px 4px 4px rgb(149, 182,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4541, 0.3005, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 182, 162) }
```

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

```
.background{ background-color: rgb(149,  
182, 162) }
```

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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