

Converting Colors

$Y_{xy}(42.5221, 0.2949, 0.3585)$

Have a look what the booklet for
Yxy(42.5221, 0.2949, 0.3585)
contains.

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Color

Yxy(42.3510, 0.2950, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	8FB7A3
RGB	143, 183, 163
RGB Percent	56%, 72%, 64%
CMY	0.4393, 0.2823, 0.3608
CMYK	0.22, 0.00, 0.11, 0.28
HSL	150°, 22%, 64%
HSV	150°, 22%, 72%
XYZ	34.8690, 42.3510, 40.9799
YIQ	168.7600, -17.4200, -14.7000

Conversions

Conversions Part 2

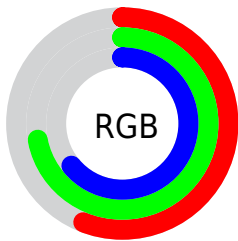
Format	Color
RYB	143, 170, 183
Decimal	9418659
CIELab	71.11, -17.55, 5.79
CIELCh	71, 18.481, 161.730
Yxy	42.3510, 0.2950, 0.3583
Android (android.graphics.Color)	4287608739 (0xFF8FB7A3)
YUV	168.7600, -2.8397, -22.5915
Hunter-Lab	65.0776, -18.2446, 8.2190

Details

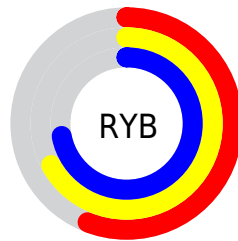
The Yxy color $42.3510, 0.2950, 0.3583$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $32.3537, 0.3351, 0.3015$, and the grayscale version is $39.5712, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6653, 0.2981, 0.3524$, and $19.3883, 0.2901, 0.3684$ is the 20% darker color. If you saturate the color by 10%, you get $40.5343, 0.2876, 0.3740$, and if you desaturate by 10%, it is $44.4614, 0.3030, 0.3440$.

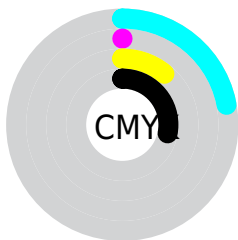
Distribution



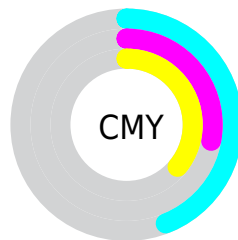
- Red (56%)
- Green (72%)
- Blue (64%)



- Red (56%)
- Yellow (67%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)





- Cyan (44%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3510, 0.2950, 0.3583 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 42.3510, 0.2950, 0.3583 by changing the saturation by 10% instead.

 42.3510, 0.2950,
0.3583


 42.3510, 0.2950,
0.3583

355.9359, 0.3041,
0.3431

 29.3762, 0.2926,
0.3623


 78.7306, 0.2984,
0.3526

 19.3656, 0.2895,
0.3675

 102.9042, 0.2996,
0.3506

 11.9348, 0.2852,
0.3747


131.5795, 0.3007,
0.3488

 6.6993, 0.2791,
0.3851

165.1409, 0.3016,
0.3473

 3.2747, 0.2694,
0.4016

203.9729, 0.3024,
0.3461

 1.2768, 0.2510,
0.4325

248.4598, 0.3030,

 0.1231, 0.0000,

0.3450

1.0000

298.9860, 0.3036,
0.3440

0.0000, 0.0000,
0.0000

42.3510, 0.2950,
0.3583

42.3510, 0.2950,
0.3583

40.5343, 0.2876,
0.3740

44.4614, 0.3030,
0.3440

38.9926, 0.2809,
0.3911

46.8728, 0.3112,
0.3312

37.7133, 0.2754,
0.4093

49.5987, 0.3194,
0.3198

36.6803, 0.2713,
0.4283

52.6502, 0.3276,
0.3098

35.8762, 0.2690,
0.4479

56.0378, 0.3356,
0.3009

■ 35.2807, 0.2686,
0.4673

■ 59.7717, 0.3434,
0.2931

■ 34.8700, 0.2701,
0.4861

■ 60.6807, 0.3377,
0.2844

■ 34.6337, 0.2724,
0.5007

■ 61.2001, 0.3304,
0.2756

■ 61.7467, 0.3233,
0.2671

Harmonies

Analogous

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



42.3510, 0.3214, 0.3737



42.3510, 0.2950, 0.3583



42.3510, 0.2739, 0.3342

Triad

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



42.3510, 0.2950, 0.3583



42.3510, 0.2789, 0.2848



42.3510, 0.3650, 0.3446

Complementary

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



42.3510, 0.2950, 0.3583



32.3537, 0.3351, 0.3015

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.



42.3510, 0.3527, 0.3222



42.3510, 0.2950, 0.3583



42.3510, 0.3022, 0.2887

Square

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



42.3510, 0.2950, 0.3583



42.3510, 0.2649, 0.2921



42.3510, 0.3293, 0.3021



42.3510, 0.3625, 0.3643

Rectangle

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



42.3510, 0.2950, 0.3583



42.3510, 0.2654, 0.3174



42.3510, 0.3293, 0.3021



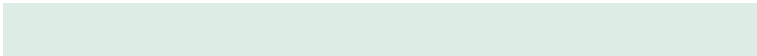
42.3510, 0.3624, 0.3372

Sweetspot

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



42.3528, 0.2950, 0.3583



81.6053, 0.3068, 0.3378



43.7101, 0.3277, 0.3858



17.9677, 0.3063, 0.3385



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.



42.3528, 0.2950, 0.3583



74.2971, 0.2915, 0.3653



43.1005, 0.2812, 0.3299



10.1330, 0.3050, 0.3407



24.1724, 0.2718, 0.4986



0.8646, 0.2586, 0.4510

Inverse Universe

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



32.3537, 0.3351, 0.3015



53.3545, 0.3410, 0.2954



31.7120, 0.3556, 0.3282



9.0851, 0.3212, 0.3176



7.5706, 0.4930, 0.2490



0.2794, 0.4372, 0.2182

Previews

White Background



This preview shows how the Yxy color 42.3510, 0.2950, 0.3583 looks on a white background.

Color Contrast Check

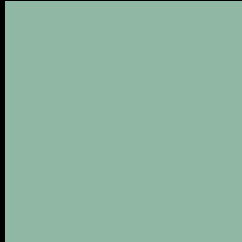
Large Text (above 18pt) WCAG AA × Fail

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 42.3510, 0.2950, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

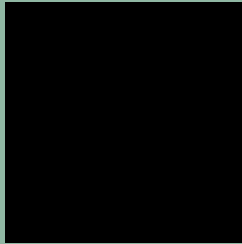
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3510, 0.2950, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 42.3510, 0.2950, 0.3583.



This preview shows how white text looks on a background with the Yxy color 42.3510, 0.2950, 0.3583.

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

42.3510, 0.2950, 0.3583

Protanopia

42.0591, 0.3318, 0.3495

Deuteranopia

42.0959, 0.3378, 0.3317



Tritanopia

42.4800, 0.2779, 0.3095

Trichromacy



Original Color

42.3510, 0.2950, 0.3583

Protanomaly

42.1978, 0.3178, 0.3528

Deuteranomaly

41.7177, 0.3212, 0.3400

Tritanomaly

42.2230, 0.2842, 0.3261

Monochromacy



Original Color

42.3510, 0.2950, 0.3583

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.5357, 0.3061, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3510, 0.2950, 0.3583 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(143, 183, 163)` looks like.

```
.text, #text, p{  
    color:rgb(143, 183, 163)  
}
```

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(143, 183, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 183, 163) }
```

Border

The CSS property to change the border of an element to Yxy 42.3510, 0.2950, 0.3583 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(143, 183, 163) }
```

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

```
.border{ border-color:rgb(143, 183, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 183, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 183, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 183, 163);  
box-shadow:4px 4px 4px 4px rgb(143, 183,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3510, 0.2950, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 183, 163) }
```

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

```
.background{ background-color: rgb(143,  
183, 163) }
```

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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