

Converting Colors

$Yxy(50.3052, 0.2941, 0.3426)$

Have a look what the booklet for
Yxy(50.3052, 0.2941, 0.3426)
contains.

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Color

Yxy(50.2144, 0.2943, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	A2C3B9
RGB	162, 195, 185
RGB Percent	64%, 76%, 73%
CMY	0.3647, 0.2353, 0.2745
CMYK	0.17, 0.00, 0.05, 0.24
HSL	162°, 22%, 70%
HSV	162°, 17%, 76%
XYZ	43.1729, 50.2144, 53.3097
YIQ	183.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

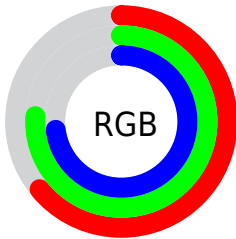
Format	Color
RYB	162, 181, 195
Decimal	10666937
CIELab	76.20, -13.07, 1.33
CIELCh	76, 13.134, 174.169
Yxy	50.2144, 0.2943, 0.3423
Android (android.graphics.Color)	4288857017 (0xFFA2C3B9)
YUV	183.9930, 0.4965, -19.2879
Hunter-Lab	70.8621, -15.2571, 4.9995

Details

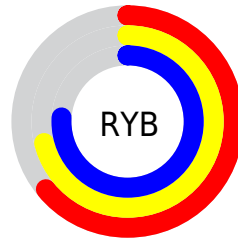
The Yxy color **50.2144, 0.2943, 0.3423** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4268, 0.3353, 0.3161**, and the grayscale version is **47.9344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7234, 0.2975, 0.3403**, and **24.0307, 0.2893, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **48.0852, 0.2842, 0.3512**, and if you desaturate by 10%, it is **52.6748, 0.3051, 0.3342**.

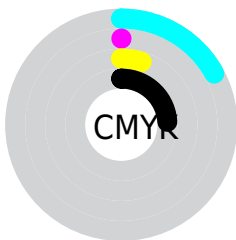
Distribution



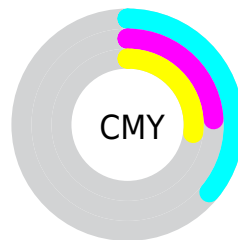
- Red (64%)
- Green (76%)
- Blue (73%)



- Red (64%)
- Yellow (71%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)




- Cyan (36%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2144, 0.2943, 0.3423 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 50.2144, 0.2943, 0.3423 by changing the saturation by 10% instead.


 50.2144, 0.2943,
0.3423

 50.2144, 0.2943,
0.3423


387.5038, 0.3034,
0.3357

 35.5838, 0.2921,
0.3439


 90.4925, 0.2976,
0.3399

 24.1129, 0.2892,
0.3460


 116.9087, 0.2988,
0.3390

 15.4174, 0.2854,
0.3488


148.0223, 0.2999,
0.3382

 9.1129, 0.2801,
0.3527

184.2175, 0.3008,
0.3376

 4.8149, 0.2724,
0.3584

225.8789, 0.3016,
0.3370

 2.1390, 0.2599,
0.3678

273.3908, 0.3023,

 0.6865, 0.1992,

0.3365

0.4100

327.1377, 0.3029,
0.3361

0.0000, 0.0000,
0.0000

50.2144, 0.2943,
0.3423

50.2144, 0.2943,
0.3423

48.0852, 0.2842,
0.3512

52.6748, 0.3051,
0.3342

46.2664, 0.2749,
0.3609

55.4740, 0.3162,
0.3268

44.7441, 0.2669,
0.3712

58.6269, 0.3274,
0.3203

43.5012, 0.2603,
0.3821

62.1458, 0.3386,
0.3144

42.5187, 0.2555,
0.3934

65.1763, 0.3460,
0.3091

■ 41.7750, 0.2526,
0.4049

■ 65.4853, 0.3413,
0.3031

■ 41.2450, 0.2517,
0.4165

■ 65.8054, 0.3367,
0.2973

■ 40.8950, 0.2527,
0.4279

■ 66.1368, 0.3322,
0.2915

■ 40.8040, 0.2532,
0.4314

■ 66.4795, 0.3277,
0.2858

Harmonies

Analogous

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



50.2144, 0.3113, 0.3553



50.2144, 0.2943, 0.3423



50.2144, 0.2824, 0.3257

Triad

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



50.2144, 0.2943, 0.3423



50.2144, 0.2960, 0.2991



50.2144, 0.3482, 0.3459

Complementary

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



50.2144, 0.2943, 0.3423



40.4268, 0.3353, 0.3161

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.



50.2144, 0.3439, 0.3310



50.2144, 0.2943, 0.3423



50.2144, 0.3134, 0.3046

Square

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



50.2144, 0.2943, 0.3423



50.2144, 0.2833, 0.3011



50.2144, 0.3310, 0.3161



50.2144, 0.3427, 0.3569

Rectangle

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



50.2144, 0.2943, 0.3423



50.2144, 0.2788, 0.3152



50.2144, 0.3310, 0.3161



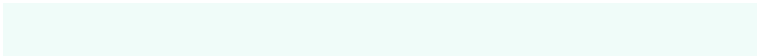
50.2144, 0.3479, 0.3412

Sweetspot

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



50.2165, 0.2943, 0.3423



95.2147, 0.3071, 0.3328



50.4632, 0.3190, 0.3731



20.7758, 0.3063, 0.3333



0.0000, 0.0000, 0.0000



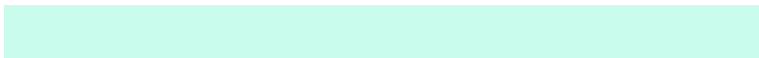
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2165, 0.2943, 0.3423



88.5766, 0.2908, 0.3452



47.9985, 0.2871, 0.3209



11.3747, 0.3024, 0.3361



26.5351, 0.2527, 0.4298



1.1583, 0.2457, 0.4045

Inverse Universe

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



40.4268, 0.3353, 0.3161



68.0264, 0.3408, 0.3134



42.2390, 0.3434, 0.3370



10.1271, 0.3242, 0.3220



7.7604, 0.5724, 0.2927



0.3479, 0.5072, 0.2568

Previews

White Background



This preview shows how the Yxy color 50.2144, 0.2943, 0.3423 looks on a white background.

Color Contrast Check

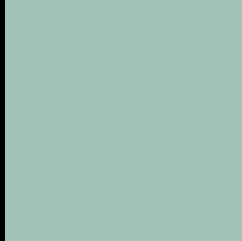
Large Text (above 18pt) WCAG AA × Fail

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 50.2144, 0.2943, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

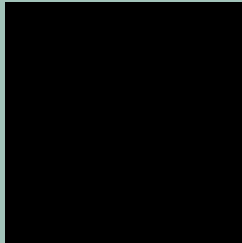
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

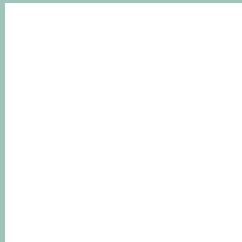
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2144, 0.2943, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 50.2144, 0.2943, 0.3423.



This preview shows how white text looks on a background with the Yxy color 50.2144, 0.2943, 0.3423.

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

50.2144, 0.2943, 0.3423

Protanopia

50.0424, 0.3224, 0.3379

Deuteranopia

50.0659, 0.3276, 0.3218



Tritanopia

50.3113, 0.2821, 0.3097

Trichromacy



Original Color

50.2144, 0.2943, 0.3423

Protanomaly

50.0281, 0.3114, 0.3393

Deuteranomaly

49.9473, 0.3144, 0.3290

Tritanomaly

50.2628, 0.2868, 0.3211

Monochromacy



Original Color

50.2144, 0.2943, 0.3423

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6572, 0.3059, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2144, 0.2943, 0.3423 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(162, 195, 185)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 185)  
}
```

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(162, 195, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.2144, 0.2943, 0.3423 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(162, 195, 185) }
```

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

```
.border{ border-color:rgb(162, 195, 185) }
```

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

Here you see how a box with a 4 pixel rgb(162, 195, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2144, 0.2943, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 185) }
```

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

```
.background{ background-color: rgb(162,  
195, 185) }
```

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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