

Converting Colors

$Yxy(50.2422, 0.2949, 0.3442)$

Have a look what the booklet for
Yxy(50.2422, 0.2949, 0.3442)
contains.

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Color

Yxy(50.1723, 0.2950, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	A2C3B8
RGB	162, 195, 184
RGB Percent	64%, 76%, 72%
CMY	0.3645, 0.2353, 0.2784
CMYK	0.17, 0.00, 0.06, 0.24
HSL	160°, 22%, 70%
HSV	160°, 17%, 76%
XYZ	43.0758, 50.1723, 52.7714
YIQ	183.8790, -16.1370, -10.4170

Conversions

Conversions Part 2

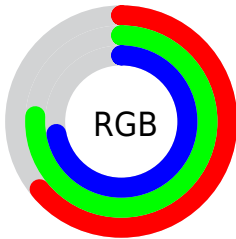
Format	Color
R_{YB}	162, 182, 195
Decimal	10666936
CIE Lab	76.17, -13.24, 1.82
CIE LCh	76, 13.368, 172.166
Yxy	50.1723, 0.2950, 0.3436
Android (android.graphics.Color)	4288857016 (0xFFA2C3B8)
YUV	183.8790, 0.0597, -19.1879
Hunter-Lab	70.8324, -15.4044, 5.4105

Details

The Yxy color **50.1723, 0.2950, 0.3436** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4766, 0.3343, 0.3149**, and the grayscale version is **47.8749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6638, 0.2980, 0.3414**, and **24.0034, 0.2902, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **48.0212, 0.2852, 0.3534**, and if you desaturate by 10%, it is **52.6567, 0.3054, 0.3347**.

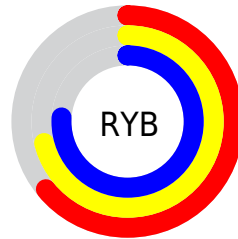
Distribution



Red (64%)

Green (76%)

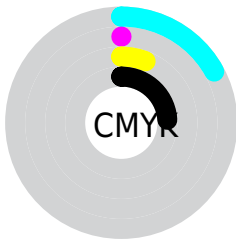
Blue (72%)



Red (64%)

Yellow (71%)

Blue (76%)

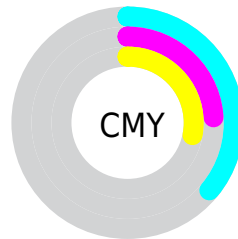


Cyan (17%)

Magenta (0%)

Yellow (6%)

Black (24%)



Cyan (36%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1723, 0.2950, 0.3436 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 50.1723, 0.2950, 0.3436 by changing the saturation by 10% instead.


 50.1723, 0.2950,
0.3436

 50.1723, 0.2950,
0.3436

387.3394, 0.3038,
0.3363

 35.5503, 0.2928,
0.3454


 90.4301, 0.2982,
0.3410

 24.0871, 0.2901,
0.3477


 116.8347, 0.2994,
0.3400

 15.3982, 0.2864,
0.3508


147.9357, 0.3004,
0.3391

 9.0994, 0.2813,
0.3551

184.1174, 0.3013,
0.3384

 4.8060, 0.2738,
0.3615

225.7642, 0.3020,
0.3378

 2.1339, 0.2616,
0.3720

273.2605, 0.3027,

 0.6836, 0.2006,

0.3373

0.4202

326.9908, 0.3033,
0.3368

0.0000, 0.0000,
0.0000

50.1723, 0.2950,
0.3436

50.1723, 0.2950,
0.3436

48.0212, 0.2852,
0.3534

52.6567, 0.3054,
0.3347

46.1825, 0.2763,
0.3641

55.4820, 0.3161,
0.3266

44.6425, 0.2685,
0.3755

58.6632, 0.3269,
0.3194

43.3837, 0.2622,
0.3876

62.2125, 0.3376,
0.3130

42.3873, 0.2576,
0.4001

65.2697, 0.3445,
0.3071

■ 41.6315, 0.2550,
0.4129

■ 65.6133, 0.3394,
0.3006

■ 41.0915, 0.2544,
0.4256

■ 65.9703, 0.3344,
0.2943

■ 40.7333, 0.2556,
0.4382

■ 66.3410, 0.3294,
0.2880

■ 40.6395, 0.2561,
0.4421

■ 66.7253, 0.3246,
0.2818

Harmonies

Analogous

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



50.1723, 0.3125, 0.3564



50.1723, 0.2950, 0.3436



50.1723, 0.2825, 0.3268

Triad

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



50.1723, 0.2950, 0.3436



50.1723, 0.2946, 0.2984



50.1723, 0.3489, 0.3452

Complementary

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



50.1723, 0.2950, 0.3436



40.4766, 0.3343, 0.3149

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.



50.1723, 0.3439, 0.3300



50.1723, 0.2950, 0.3436



50.1723, 0.3121, 0.3035

Square

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



50.1723, 0.2950, 0.3436



50.1723, 0.2822, 0.3010



50.1723, 0.3303, 0.3149



50.1723, 0.3439, 0.3569

Rectangle

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



50.1723, 0.2950, 0.3436



50.1723, 0.2784, 0.3160



50.1723, 0.3303, 0.3149



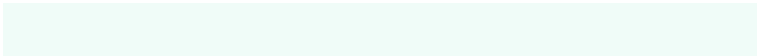
50.1723, 0.3483, 0.3404

Sweetspot

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



50.1744, 0.2950, 0.3436



95.1915, 0.3073, 0.3331



50.5244, 0.3195, 0.3729



20.7700, 0.3065, 0.3337



0.0000, 0.0000, 0.0000



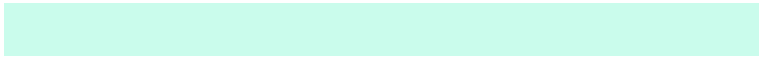
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1744, 0.2950, 0.3436



88.4897, 0.2916, 0.3469



48.2373, 0.2872, 0.3217



11.3696, 0.3028, 0.3368



26.4322, 0.2557, 0.4404



1.1544, 0.2479, 0.4124

Inverse Universe

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



40.4766, 0.3343, 0.3149



68.1045, 0.3397, 0.3119



42.0467, 0.3434, 0.3362



10.1320, 0.3238, 0.3214



7.8025, 0.5615, 0.2867



0.3501, 0.4977, 0.2516

Previews

White Background



This preview shows how the Yxy color 50.1723, 0.2950, 0.3436 looks on a white background.

Color Contrast Check

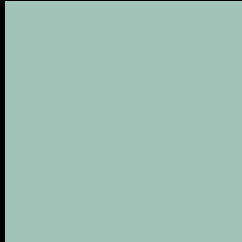
Large Text (above 18pt) WCAG AA × Fail

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 50.1723, 0.2950, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

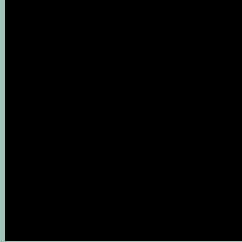
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

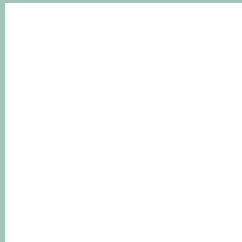
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1723, 0.2950, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 50.1723, 0.2950, 0.3436.



This preview shows how white text looks on a background with the Yxy color 50.1723, 0.2950, 0.3436.

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

50.1723, 0.2950, 0.3436

Protanopia

50.1328, 0.3240, 0.3391

Deuteranopia

49.7574, 0.3295, 0.3218



Tritanopia

50.3113, 0.2821, 0.3097

Trichromacy



Original Color

50.1723, 0.2950, 0.3436

Protanomaly

50.1082, 0.3130, 0.3406

Deuteranomaly

49.6101, 0.3161, 0.3290

Tritanomaly

50.2628, 0.2868, 0.3211

Monochromacy



Original Color

50.1723, 0.2950, 0.3436

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 50.1723, 0.2950, 0.3436 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 184) }
```

Border

The CSS property to change the border of an element to Yxy 50.1723, 0.2950, 0.3436 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, 184) }
```

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

```
.border{ border-color:rgb(162, 195, 184) }
```

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, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1723, 0.2950, 0.3436 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, 184) }
```

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

```
.background{ background-color: rgb(162,  
195, 184) }
```

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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