

Converting Colors

$Yxy(50.3234, 0.2937, 0.3417)$

Have a look what the booklet for
Yxy(50.3234, 0.2937, 0.3417)
contains.

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Color

Yxy(50.2568, 0.2936, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	A2C3BA
RGB	162, 195, 186
RGB Percent	64%, 76%, 73%
CMY	0.3646, 0.2353, 0.2705
CMYK	0.17, 0.00, 0.05, 0.24
HSL	164°, 22%, 70%
HSV	164°, 17%, 76%
XYZ	43.2837, 50.2568, 53.8834
YIQ	184.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

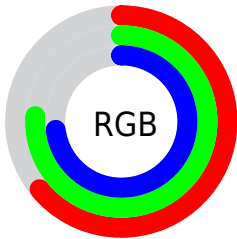
Format	Color
R _Y B	162, 181, 195
Decimal	10666938
CIE Lab	76.23, -12.85, 0.82
CIE LCh	76, 12.875, 176.368
Yxy	50.2568, 0.2936, 0.3409
Android (android.graphics.Color)	4288857018 (0xFFA2C3BA)
YUV	184.1070, 0.9332, -19.3878
Hunter-Lab	70.8920, -15.0766, 4.5594

Details

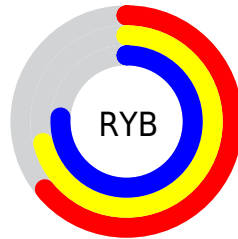
The Yxy color **50.2568, 0.2936, 0.3409** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3923, 0.3362, 0.3174**, and the grayscale version is **48.0007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7833, 0.2969, 0.3393**, and **24.0582, 0.2883, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **48.1505, 0.2831, 0.3489**, and if you desaturate by 10%, it is **52.6923, 0.3048, 0.3336**.

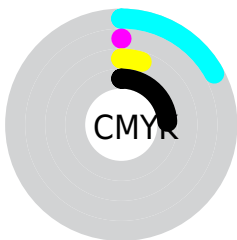
Distribution



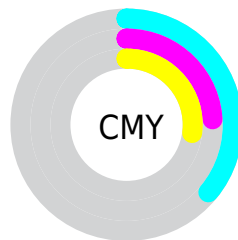
- Red (64%)
- Green (76%)
- Blue (73%)



- 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 50.2568, 0.2936, 0.3409 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 50.2568, 0.2936, 0.3409 by changing the saturation by 10% instead.


 50.2568, 0.2936,
0.3409

 50.2568, 0.2936,
0.3409

387.6693, 0.3030,
0.3350

 35.6175, 0.2913,
0.3424


 90.5552, 0.2970,
0.3388

 24.1389, 0.2883,
0.3442


 116.9832, 0.2983,
0.3380

 15.4367, 0.2844,
0.3467


148.1094, 0.2994,
0.3373

 9.1264, 0.2790,
0.3501

184.3184, 0.3003,
0.3367

 4.8238, 0.2710,
0.3552

225.9945, 0.3011,
0.3362

 2.1442, 0.2581,
0.3634

273.5221, 0.3019,

 0.6893, 0.1980,

0.3358

0.3998

327.2855, 0.3025,
0.3354

0.0000, 0.0000,
0.0000

50.2568, 0.2936,
0.3409

50.2568, 0.2936,
0.3409

48.1505, 0.2831,
0.3489

52.6923, 0.3048,
0.3336

46.3526, 0.2735,
0.3575

55.4645, 0.3163,
0.3270

44.8493, 0.2652,
0.3667

58.5884, 0.3280,
0.3212

43.6234, 0.2584,
0.3764

62.0761, 0.3397,
0.3159

42.6561, 0.2533,
0.3864

65.0709, 0.3476,
0.3111

■ 41.9257, 0.2502,
0.3966

■ 65.3442, 0.3434,
0.3057

■ 41.4073, 0.2490,
0.4068

■ 65.6265, 0.3392,
0.3004

■ 41.0672, 0.2497,
0.4170

■ 65.9178, 0.3351,
0.2952

■ 40.9787, 0.2500,
0.4201

■ 66.2181, 0.3311,
0.2901

Harmonies

Analogous

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



50.2568, 0.3100, 0.3541



50.2568, 0.2936, 0.3409



50.2568, 0.2824, 0.3246

Triad

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



50.2568, 0.2936, 0.3409



50.2568, 0.2974, 0.2998



50.2568, 0.3474, 0.3465

Complementary

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



50.2568, 0.2936, 0.3409



40.3923, 0.3362, 0.3174

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.



50.2568, 0.3439, 0.3321



50.2568, 0.2936, 0.3409



50.2568, 0.3147, 0.3057

Square

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



50.2568, 0.2936, 0.3409



50.2568, 0.2846, 0.3013



50.2568, 0.3318, 0.3173



50.2568, 0.3413, 0.3569

Rectangle

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



50.2568, 0.2936, 0.3409



50.2568, 0.2793, 0.3145



50.2568, 0.3318, 0.3173



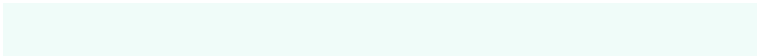
50.2568, 0.3473, 0.3420

Sweetspot

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



50.2589, 0.2936, 0.3409



95.2392, 0.3069, 0.3324



50.3377, 0.3181, 0.3731



20.7819, 0.3060, 0.3329



0.0000, 0.0000, 0.0000



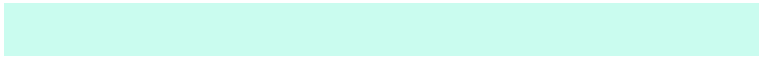
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2589, 0.2936, 0.3409



88.6691, 0.2899, 0.3435



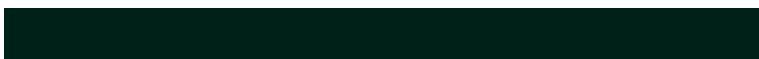
47.5279, 0.2870, 0.3194



11.3801, 0.3020, 0.3353



26.6497, 0.2496, 0.4187



1.1625, 0.2434, 0.3962

Inverse Universe

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



40.3923, 0.3362, 0.3174



67.9447, 0.3420, 0.3150



42.6506, 0.3431, 0.3384



10.1220, 0.3247, 0.3228



7.7207, 0.5832, 0.2987



0.3456, 0.5174, 0.2624

Previews

White Background



This preview shows how the Yxy color 50.2568, 0.2936, 0.3409 looks on a white background.

Color Contrast Check

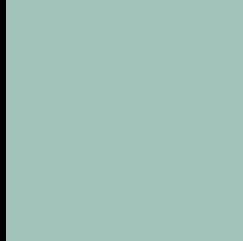
Large Text (above 18pt) WCAG AA × Fail

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 50.2568, 0.2936, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

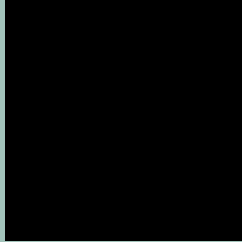
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

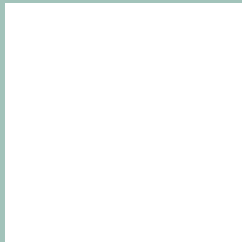
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2568, 0.2936, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 50.2568, 0.2936, 0.3409.



This preview shows how white text looks on a background with the Yxy color 50.2568, 0.2936, 0.3409.

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

50.2568, 0.2936, 0.3409

Protanopia

50.0833, 0.3216, 0.3366

Deuteranopia

50.1092, 0.3268, 0.3205



Tritanopia

50.3113, 0.2821, 0.3097

Trichromacy



Original Color

50.2568, 0.2936, 0.3409

Protanomaly

50.0696, 0.3107, 0.3380

Deuteranomaly

49.9903, 0.3136, 0.3277

Tritanomaly

50.2628, 0.2868, 0.3211

Monochromacy



Original Color

50.2568, 0.2936, 0.3409

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6993, 0.3052, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2568, 0.2936, 0.3409 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.2568, 0.2936, 0.3409 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, 186) }
```

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

```
.border{ border-color:rgb(162, 195, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2568, 0.2936, 0.3409 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, 186) }
```

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

```
.background{ background-color: rgb(162,  
195, 186) }
```

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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