

Converting Colors

$Y_{xy}(50.2864, 0.2903, 0.3329)$

Have a look what the booklet for
Yxy(50.2864, 0.2903, 0.3329)
contains.

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Color

Yxy(50.1317, 0.2909, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	A3C2BF
RGB	163, 194, 191
RGB Percent	64%, 76%, 75%
CMY	0.3606, 0.2392, 0.2510
CMYK	0.16, 0.00, 0.02, 0.24
HSL	174°, 20%, 70%
HSV	174°, 16%, 76%
XYZ	43.8069, 50.1317, 56.6523
YIQ	184.3890, -17.5130, -7.5050

Conversions

Conversions Part 2

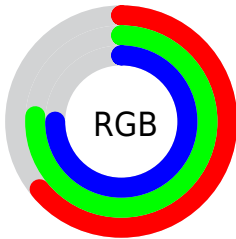
Format	Color
RYB	163, 179, 194
Decimal	10732223
CIELab	76.15, -10.98, -1.98
CIELCh	76, 11.153, 190.231
Yxy	50.1317, 0.2909, 0.3329
Android (android.graphics.Color)	4288922303 (0xFFA3C2BF)
YUV	184.3890, 3.2592, -18.7582
Hunter-Lab	70.8037, -13.4671, 2.1228

Details

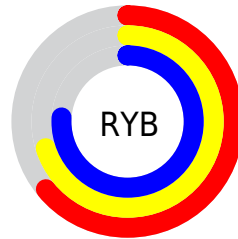
The Yxy color **50.1317, 0.2909, 0.3329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4366, 0.3397, 0.3252**, and the grayscale version is **48.1535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6152, 0.2948, 0.3331**, and **23.9707, 0.2847, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **48.1575, 0.2783, 0.3356**, and if you desaturate by 10%, it is **52.4253, 0.3044, 0.3304**.

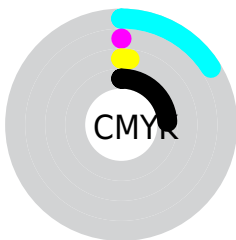
Distribution



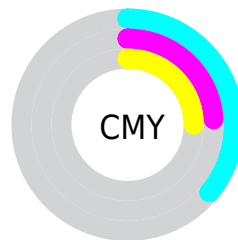
- Red (64%)
- Green (76%)
- Blue (75%)



- Red (64%)
- Yellow (70%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1317, 0.2909, 0.3329 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 50.1317, 0.2909, 0.3329 by changing the saturation by 10% instead.

■ 50.1317, 0.2909,
0.3329

■ 50.1317, 0.2909,
0.3329

■ 387.1807, 0.3016,
0.3310

■ 35.5181, 0.2883,
0.3333

■ 90.3700, 0.2948,
0.3322

■ 24.0622, 0.2849,
0.3339

■ 116.7634, 0.2962,
0.3320

■ 15.3798, 0.2805,
0.3346

■ 147.8522, 0.2975,
0.3318

■ 9.0864, 0.2744,
0.3355

■ 184.0208, 0.2985,
0.3316

■ 4.7976, 0.2656,
0.3368

■ 225.6535, 0.2995,
0.3314

■ 2.1290, 0.2514,
0.3388

■ 273.1348, 0.3003,

■ 0.6808, 0.1955,

0.3313

0.3510

326.8491, 0.3010,
0.3312

0.0000, 0.0000,
0.0000

50.1317, 0.2909,
0.3329

50.1317, 0.2909,
0.3329

48.1575, 0.2783,
0.3356

52.4253, 0.3044,
0.3304

46.4822, 0.2668,
0.3385

55.0453, 0.3185,
0.3281

45.0924, 0.2568,
0.3416

58.0066, 0.3329,
0.3260

43.9715, 0.2484,
0.3448

61.3208, 0.3474,
0.3242

43.1009, 0.2418,
0.3481

64.0293, 0.3576,
0.3225

■ 42.4598, 0.2372,
0.3514

■ 64.1181, 0.3561,
0.3206

■ 42.0242, 0.2344,
0.3547

■ 64.2080, 0.3546,
0.3186

■ 41.7634, 0.2333,
0.3580

■ 64.2989, 0.3530,
0.3167

■ 41.6826, 0.2332,
0.3593

■ 64.3909, 0.3515,
0.3148

Harmonies

Analogous

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



50.1317, 0.3035, 0.3460



50.1317, 0.2909, 0.3329



50.1317, 0.2842, 0.3190

Triad

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



50.1317, 0.2909, 0.3329



50.1317, 0.3062, 0.3052



50.1317, 0.3413, 0.3491

Complementary

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



50.1317, 0.2909, 0.3329



40.4366, 0.3397, 0.3252

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.



50.1317, 0.3422, 0.3378



50.1317, 0.2909, 0.3329



50.1317, 0.3216, 0.3129

Square

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



50.1317, 0.2909, 0.3329



50.1317, 0.2928, 0.3035



50.1317, 0.3349, 0.3247



50.1317, 0.3327, 0.3553

Rectangle

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



50.1317, 0.2909, 0.3329



50.1317, 0.2838, 0.3114



50.1317, 0.3349, 0.3247



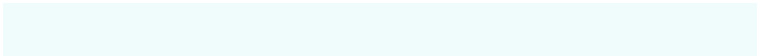
50.1317, 0.3425, 0.3457

Sweetspot

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



50.1338, 0.2909, 0.3329



95.3782, 0.3056, 0.3302



49.3495, 0.3132, 0.3710



20.8166, 0.3046, 0.3304



0.0000, 0.0000, 0.0000



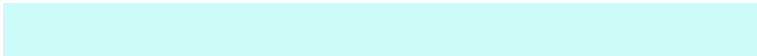
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1338, 0.2909, 0.3329



89.5745, 0.2866, 0.3338



44.9860, 0.2882, 0.3124



11.4111, 0.2997, 0.3312



27.4140, 0.2330, 0.3589



1.1895, 0.2310, 0.3516

Inverse Universe

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



40.4366, 0.3397, 0.3252



68.8062, 0.3466, 0.3243



44.9417, 0.3400, 0.3451



10.0934, 0.3274, 0.3268



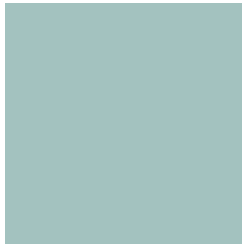
7.5769, 0.6275, 0.3230



0.3329, 0.5880, 0.3013

Previews

White Background



This preview shows how the Yxy color 50.1317, 0.2909, 0.3329 looks on a white background.

Color Contrast Check

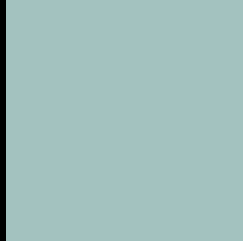
Large Text (above 18pt) WCAG AA × Fail

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 50.1317, 0.2909, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

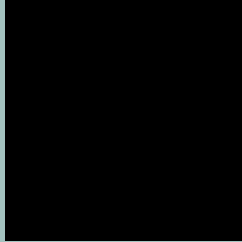
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

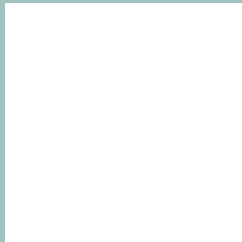
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1317, 0.2909, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 50.1317, 0.2909, 0.3329.



This preview shows how white text looks on a background with the Yxy color 50.1317, 0.2909, 0.3329.

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

50.1317, 0.2909, 0.3329

Protanopia

49.7820, 0.3161, 0.3278

Deuteranopia

50.0474, 0.3210, 0.3145



Tritanopia

50.3113, 0.2821, 0.3097

Trichromacy



Original Color

50.1317, 0.2909, 0.3329

Protanomaly

49.8498, 0.3070, 0.3303

Deuteranomaly

49.6594, 0.3090, 0.3202

Tritanomaly

50.3563, 0.2855, 0.3185

Monochromacy



Original Color

50.1317, 0.2909, 0.3329

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7844, 0.3037, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1317, 0.2909, 0.3329 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(163, 194, 191)` looks like.

```
.text, #text, p{  
    color:rgb(163, 194, 191)  
}
```

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(163, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 194, 191) }
```

Border

The CSS property to change the border of an element to Yxy 50.1317, 0.2909, 0.3329 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(163, 194, 191) }
```

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

```
.border{ border-color:rgb(163, 194, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 194, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(163, 194,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1317, 0.2909, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 194, 191) }
```

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

```
.background{ background-color: rgb(163,  
194, 191) }
```

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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