

Converting Colors

$Y_{xy}(50.3299, 0.2930, 0.3402)$

Have a look what the booklet for
Yxy(50.3299, 0.2930, 0.3402)
contains.

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Color

Yxy(50.2995, 0.2929, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	A2C3BB
RGB	162, 195, 187
RGB Percent	64%, 76%, 73%
CMY	0.3647, 0.2353, 0.2667
CMYK	0.17, 0.00, 0.04, 0.24
HSL	165°, 22%, 70%
HSV	165°, 17%, 76%
XYZ	43.3826, 50.2995, 54.4319
YIQ	184.2210, -17.1000, -9.4840

Conversions

Conversions Part 2

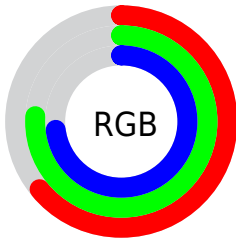
Format	Color
RYB	162, 181, 195
Decimal	10666939
CIELab	76.25, -12.67, 0.33
CIElCh	76, 12.673, 178.527
Yxy	50.2995, 0.2929, 0.3396
Android (android.graphics.Color)	4288857019 (0xFFA2C3BB)
YUV	184.2210, 1.3700, -19.4878
Hunter-Lab	70.9221, -14.9265, 4.1411

Details

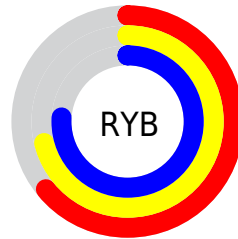
The Yxy color **50.2995, 0.2929, 0.3396** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3425, 0.3372, 0.3187**, and the grayscale version is **48.0604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8436, 0.2964, 0.3382**, and **24.0860, 0.2874, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **48.2160, 0.2820, 0.3467**, and if you desaturate by 10%, it is **52.7105, 0.3044, 0.3331**.

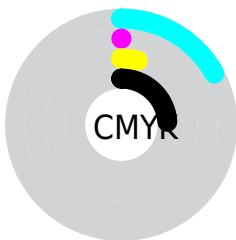
Distribution



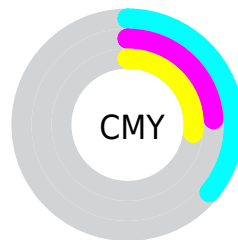
- Red (64%)
- Green (76%)
- Blue (73%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2995, 0.2929, 0.3396 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 50.2995, 0.2929, 0.3396 by changing the saturation by 10% instead.


 50.2995, 0.2929,
0.3396


 50.2995, 0.2929,
0.3396


387.8360, 0.3027,
0.3344

 35.6514, 0.2905,
0.3409


 90.6185, 0.2964,
0.3377

 24.1651, 0.2874,
0.3425


 117.0582, 0.2978,
0.3370

 15.4561, 0.2834,
0.3447


148.1972, 0.2989,
0.3364

 9.1401, 0.2778,
0.3477

184.4199, 0.2999,
0.3359

 4.8327, 0.2696,
0.3521

226.1108, 0.3007,
0.3354

 2.1494, 0.2564,
0.3593

273.6542, 0.3014,

 0.6922, 0.1968,

0.3350

0.3907

327.4344, 0.3021,
0.3347

0.0000, 0.0000,
0.0000

50.2995, 0.2929,
0.3396

50.2995, 0.2929,
0.3396

48.2160, 0.2820,
0.3467

52.7105, 0.3044,
0.3331

46.4392, 0.2722,
0.3543

55.4565, 0.3164,
0.3273

44.9554, 0.2636,
0.3625

58.5523, 0.3286,
0.3220

43.7474, 0.2565,
0.3710

62.0103, 0.3407,
0.3174

42.7962, 0.2512,
0.3798

64.9798, 0.3491,
0.3130

■ 42.0805, 0.2478,
0.3888

■ 65.2202, 0.3454,
0.3082

■ 41.5751, 0.2464,
0.3978

■ 65.4676, 0.3416,
0.3035

■ 41.2464, 0.2468,
0.4068

■ 65.7222, 0.3379,
0.2988

■ 41.1617, 0.2471,
0.4095

■ 65.9839, 0.3343,
0.2942

Harmonies

Analogous

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



50.2995, 0.3088, 0.3529



50.2995, 0.2929, 0.3396



50.2995, 0.2824, 0.3235

Triad

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



50.2995, 0.2929, 0.3396



50.2995, 0.2988, 0.3004



50.2995, 0.3467, 0.3472

Complementary

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



50.2995, 0.2929, 0.3396



40.3425, 0.3372, 0.3187

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.



50.2995, 0.3440, 0.3331



50.2995, 0.2929, 0.3396



50.2995, 0.3159, 0.3067

Square

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



50.2995, 0.2929, 0.3396



50.2995, 0.2857, 0.3013



50.2995, 0.3326, 0.3185



50.2995, 0.3401, 0.3569

Rectangle

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



50.2995, 0.2929, 0.3396



50.2995, 0.2797, 0.3137



50.2995, 0.3326, 0.3185



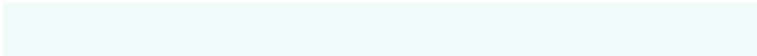
50.2995, 0.3469, 0.3428

Sweetspot

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



50.3016, 0.2929, 0.3396



95.2626, 0.3066, 0.3320



50.2152, 0.3172, 0.3733



20.7877, 0.3058, 0.3324



0.0000, 0.0000, 0.0000



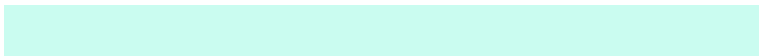
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3016, 0.2929, 0.3396



88.7577, 0.2891, 0.3419



47.0568, 0.2869, 0.3179



11.3853, 0.3016, 0.3346



26.7643, 0.2467, 0.4083



1.1667, 0.2412, 0.3884

Inverse Universe

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



40.3425, 0.3372, 0.3187



67.8678, 0.3432, 0.3165



43.0524, 0.3429, 0.3398



10.1171, 0.3252, 0.3234



7.6872, 0.5928, 0.3039



0.3434, 0.5277, 0.2681

Previews

White Background



This preview shows how the Yxy color 50.2995, 0.2929, 0.3396 looks on a white background.

Color Contrast Check

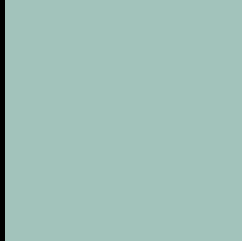
Large Text (above 18pt) WCAG AA × Fail

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 50.2995, 0.2929, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

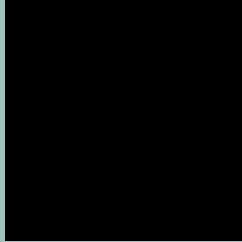
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

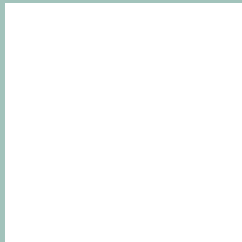
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2995, 0.2929, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 50.2995, 0.2929, 0.3396.



This preview shows how white text looks on a background with the Yxy color 50.2995, 0.2929, 0.3396.

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

50.2995, 0.2929, 0.3396

Protanopia

50.1245, 0.3208, 0.3353

Deuteranopia

50.1527, 0.3260, 0.3193



Tritanopia

50.3113, 0.2821, 0.3097

Trichromacy



Original Color

50.2995, 0.2929, 0.3396

Protanomaly

50.1114, 0.3099, 0.3367

Deuteranomaly

50.0336, 0.3128, 0.3265

Tritanomaly

50.3094, 0.2861, 0.3198

Monochromacy



Original Color

50.2995, 0.2929, 0.3396

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 50.2995, 0.2929, 0.3396 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.2995, 0.2929, 0.3396 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, 187) }
```

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

```
.border{ border-color:rgb(162, 195, 187) }
```

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, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 187);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2995, 0.2929, 0.3396 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, 187) }
```

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

```
.background{ background-color: rgb(162,  
195, 187) }
```

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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