

Converting Colors

Yxy(54.6642, 0.2980, 0.3365)

Have a look what the booklet for
Yxy(54.6642, 0.2980, 0.3365)
contains.

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Color

Yxy(54.9435, 0.2979, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	B0C9C3
RGB	176, 201, 195
RGB Percent	69%, 79%, 76%
CMY	0.3099, 0.2117, 0.2351
CMYK	0.12, 0.00, 0.03, 0.21
HSL	166°, 19%, 74%
HSV	166°, 12%, 79%
XYZ	48.6409, 54.9435, 59.6949
YIQ	192.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

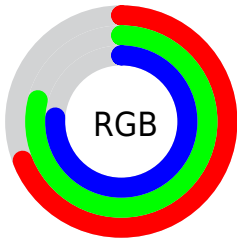
Format	Color
RYB	176, 190, 201
Decimal	11585987
CIELab	79.01, -9.58, 0.12
CIElCh	79, 9.584, 179.295
Yxy	54.9435, 0.2979, 0.3365
Android (android.graphics.Color)	4289776067 (0xFFB0C9C3)
YUV	192.8410, 1.0644, -14.7696
Hunter-Lab	74.1239, -12.5831, 4.1381

Details

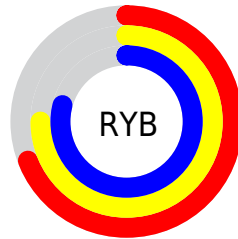
The Yxy color **54.9435, 0.2979, 0.3365** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8351, 0.3300, 0.3216**, and the grayscale version is **53.2297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7041, 0.3004, 0.3319**, and **27.0015, 0.2941, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **52.5607, 0.2866, 0.3432**, and if you desaturate by 10%, it is **57.6848, 0.3098, 0.3304**.

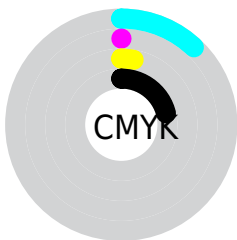
Distribution



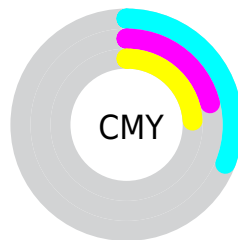
- Red (69%)
- Green (79%)
- Blue (76%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)




- Cyan (31%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9435, 0.2979, 0.3365 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 54.9435, 0.2979, 0.3365 by changing the saturation by 10% instead.

 54.9435, 0.2979,
0.3365

 54.9435, 0.2979,
0.3365


405.6977, 0.3051,
0.3329

 39.3565, 0.2962,
0.3374


 97.4582, 0.3005,
0.3352

 27.0372, 0.2940,
0.3385


125.1546, 0.3015,
0.3347

 17.6011, 0.2911,
0.3399


157.6563, 0.3023,
0.3343

 10.6640, 0.2872,
0.3419

195.3477, 0.3030,
0.3339

 5.8414, 0.2815,
0.3448

238.6131, 0.3036,
0.3336

 2.7489, 0.2727,
0.3493

287.8370, 0.3042,

 1.0021, 0.2552,

0.3333

0.3581

343.4038, 0.3047,
0.3331

0.0000, 0.0000,
0.0000

54.9435, 0.2979,
0.3365

54.9435, 0.2979,
0.3365

52.5607, 0.2866,
0.3432

57.6848, 0.3098,
0.3304

50.5141, 0.2762,
0.3505

60.7920, 0.3219,
0.3249

48.7898, 0.2669,
0.3583

64.2810, 0.3342,
0.3200

47.3700, 0.2591,
0.3665

67.9018, 0.3453,
0.3156

46.2351, 0.2530,
0.3751

68.1505, 0.3416,
0.3108

■ 45.3633, 0.2487,
0.3838

■ 68.4065, 0.3380,
0.3060

■ 44.7296, 0.2464,
0.3927

■ 68.6698, 0.3344,
0.3013

■ 44.3041, 0.2460,
0.4015

■ 68.9405, 0.3308,
0.2966

■ 44.0796, 0.2467,
0.4081

■ 69.2186, 0.3272,
0.2920

Harmonies

Analogous

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



54.9435, 0.3096, 0.3462



54.9435, 0.2979, 0.3365



54.9435, 0.2902, 0.3248

Triad

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



54.9435, 0.2979, 0.3365



54.9435, 0.3028, 0.3079



54.9435, 0.3376, 0.3427

Complementary

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



54.9435, 0.2979, 0.3365



46.8351, 0.3300, 0.3216

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.



54.9435, 0.3357, 0.3325



54.9435, 0.2979, 0.3365



54.9435, 0.3155, 0.3127

Square

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



54.9435, 0.2979, 0.3365



54.9435, 0.2930, 0.3085



54.9435, 0.3276, 0.3215



54.9435, 0.3326, 0.3497

Rectangle

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



54.9435, 0.2979, 0.3365



54.9435, 0.2883, 0.3177



54.9435, 0.3276, 0.3215



54.9435, 0.3378, 0.3396

Sweetspot

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



54.9458, 0.2979, 0.3365



97.9609, 0.3078, 0.3313



54.8837, 0.3161, 0.3609



20.8881, 0.3069, 0.3318



0.0000, 0.0000, 0.0000



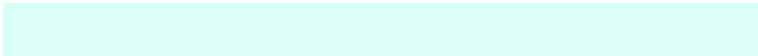
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9458, 0.2979, 0.3365



92.8801, 0.2947, 0.3383



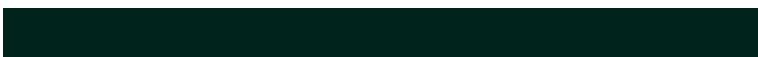
52.3627, 0.2937, 0.3210



12.0227, 0.3015, 0.3346



27.7284, 0.2463, 0.4068



1.3237, 0.2413, 0.3886

Inverse Universe

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



46.8351, 0.3300, 0.3216



76.2406, 0.3344, 0.3199



49.1041, 0.3341, 0.3368



10.6777, 0.3253, 0.3235



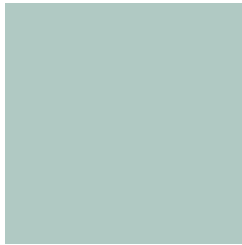
7.9534, 0.5944, 0.3048



0.3883, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 54.9435, 0.2979, 0.3365 looks on a white background.

Color Contrast Check

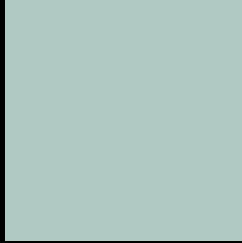
Large Text (above 18pt) WCAG AA × Fail

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 54.9435, 0.2979, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

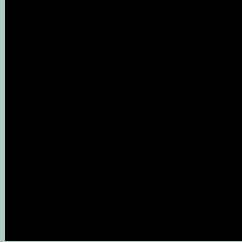
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

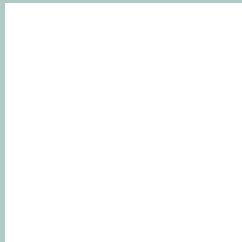
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9435, 0.2979, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 54.9435, 0.2979, 0.3365.



This preview shows how white text looks on a background with the Yxy color 54.9435, 0.2979, 0.3365.

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

54.9435, 0.2979, 0.3365

Protanopia

54.6245, 0.3198, 0.3327

Deuteranopia

54.5725, 0.3264, 0.3197



Tritanopia

54.8269, 0.2873, 0.3093

Trichromacy



Original Color

54.9435, 0.2979, 0.3365

Protanomaly

54.8146, 0.3116, 0.3352

Deuteranomaly

54.4048, 0.3161, 0.3254

Tritanomaly

54.8168, 0.2912, 0.3190

Monochromacy



Original Color

54.9435, 0.2979, 0.3365

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9397, 0.3071, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9435, 0.2979, 0.3365 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(176, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(176, 201, 195)  
}
```

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(176, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 201, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.9435, 0.2979, 0.3365 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(176, 201, 195) }
```

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

```
.border{ border-color:rgb(176, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(176, 201,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9435, 0.2979, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 201, 195) }
```

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

```
.background{ background-color: rgb(176,  
201, 195) }
```

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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