

Converting Colors

$Yxy(51.6110, 0.2787, 0.3394)$

Have a look what the booklet for
Yxy(51.6110, 0.2787, 0.3394)
contains.

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Color

Yxy(51.8266, 0.2788, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	93C9C1
RGB	147, 201, 193
RGB Percent	58%, 79%, 76%
CMY	0.4238, 0.2117, 0.2432
CMYK	0.27, 0.00, 0.04, 0.21
HSL	171°, 33%, 68%
HSV	171°, 27%, 79%
XYZ	42.5353, 51.8266, 58.2039
YIQ	183.9420, -29.6160, -13.9360

Conversions

Conversions Part 2

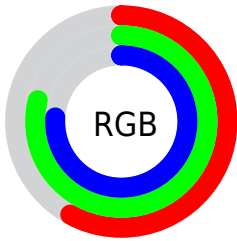
Format	Color
RYB	147, 176, 201
Decimal	9685441
CIELab	77.18, -19.18, -1.67
CIELCh	77, 19.248, 184.964
Yxy	51.8266, 0.2788, 0.3397
Android (android.graphics.Color)	4287875521 (0xFF93C9C1)
YUV	183.9420, 4.4656, -32.3981
Hunter-Lab	71.9907, -20.5179, 2.4580

Details

The Yxy color **51.8266, 0.2788, 0.3397** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6350, 0.3616, 0.3187**, and the grayscale version is **47.8804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9161, 0.2847, 0.3352**, and **25.1406, 0.2690, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **49.9989, 0.2680, 0.3443**, and if you desaturate by 10%, it is **53.9859, 0.2908, 0.3354**.

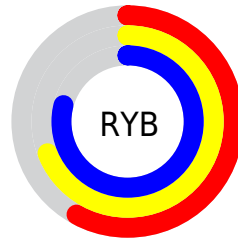
Distribution



Red (58%)

Green (79%)

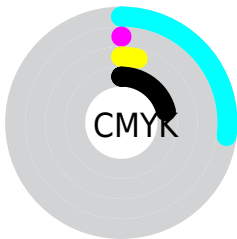
Blue (76%)



Red (58%)

Yellow (69%)

Blue (79%)

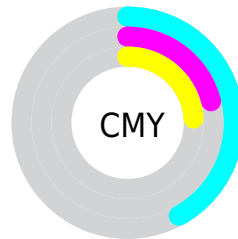


Cyan (27%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (42%)


Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8266, 0.2788, 0.3397 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 51.8266, 0.2788, 0.3397 by changing the saturation by 10% instead.

 51.8266, 0.2788,
0.3397

 51.8266, 0.2788,
0.3397


393.7668, 0.2954,
0.3346

 36.8669, 0.2748,
0.3409


 92.8755, 0.2847,
0.3379

 25.1044, 0.2697,
0.3425


 119.7334, 0.2870,
0.3372

 16.1549, 0.2630,
0.3445


151.3262, 0.2889,
0.3366

 9.6338, 0.2539,
0.3472

188.0382, 0.2906,
0.3361

 5.1569, 0.2407,
0.3509

230.2539, 0.2920,
0.3356

 2.3396, 0.2201,
0.3567

278.3576, 0.2933,

 0.7945, 0.1391,

0.3352

0.3851

332.7338, 0.2944,
0.3349

0.0000, 0.0000,
0.0000

51.8266, 0.2788,
0.3397

51.8266, 0.2788,
0.3397

49.9989, 0.2680,
0.3443

53.9859, 0.2908,
0.3354

48.4795, 0.2585,
0.3491

56.4861, 0.3036,
0.3315

47.2521, 0.2507,
0.3542

59.3441, 0.3169,
0.3279

46.2962, 0.2447,
0.3594

62.5735, 0.3305,
0.3247

45.5889, 0.2406,
0.3646

66.1876, 0.3442,
0.3219

■ 45.1033, 0.2384,
0.3699

■ 67.7397, 0.3479,
0.3190

■ 44.8034, 0.2380,
0.3751

■ 67.8908, 0.3456,
0.3159

■ 44.7277, 0.2380,
0.3767

■ 68.0447, 0.3433,
0.3129

■ 68.2014, 0.3410,
0.3099

Harmonies

Analogous

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



51.8266, 0.3011, 0.3619



51.8266, 0.2788, 0.3397



51.8266, 0.2657, 0.3153

Triad

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



51.8266, 0.2788, 0.3397



51.8266, 0.2968, 0.2879



51.8266, 0.3630, 0.3596

Complementary

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



51.8266, 0.2788, 0.3397



35.6350, 0.3616, 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.



51.8266, 0.3621, 0.3394



51.8266, 0.2788, 0.3397



51.8266, 0.3230, 0.2992

Square

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



51.8266, 0.2788, 0.3397



51.8266, 0.2758, 0.2866



51.8266, 0.3472, 0.3176



51.8266, 0.3500, 0.3728

Rectangle

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



51.8266, 0.2788, 0.3397



51.8266, 0.2636, 0.3016



51.8266, 0.3472, 0.3176



51.8266, 0.3644, 0.3534

Sweetspot

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



51.8287, 0.2788, 0.3397



96.1405, 0.3020, 0.3320



50.8601, 0.3153, 0.4041



20.4323, 0.3000, 0.3325



0.0000, 0.0000, 0.0000



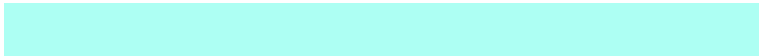
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8287, 0.2788, 0.3397



86.9136, 0.2726, 0.3422



43.9087, 0.2713, 0.3030



12.0394, 0.3003, 0.3324



28.1283, 0.2378, 0.3760



1.3394, 0.2348, 0.3651

Inverse Universe

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



35.6350, 0.3616, 0.3187



54.8256, 0.3756, 0.3165



41.7493, 0.3638, 0.3535



10.6622, 0.3267, 0.3256



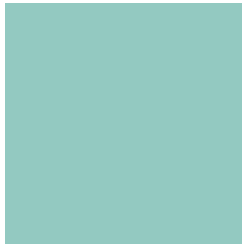
7.8746, 0.6180, 0.3178



0.3813, 0.5678, 0.2902

Previews

White Background



This preview shows how the Yxy color 51.8266, 0.2788, 0.3397 looks on a white background.

Color Contrast Check

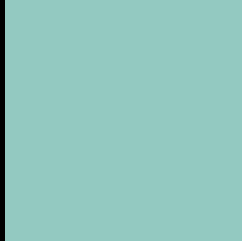
Large Text (above 18pt) WCAG AA × Fail

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 51.8266, 0.2788, 0.3397 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

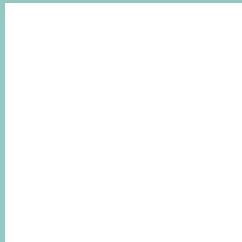
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8266, 0.2788, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 51.8266, 0.2788, 0.3397.



This preview shows how white text looks on a background with the Yxy color 51.8266, 0.2788, 0.3397.

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

51.8266, 0.2788, 0.3397

Protanopia

51.4097, 0.3192, 0.3328

Deuteranopia

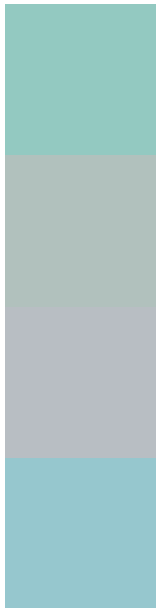
51.2456, 0.3210, 0.3146



Tritanopia

51.8225, 0.2682, 0.3082

Trichromacy



Original Color

51.8266, 0.2788, 0.3397

Protanomaly

51.1612, 0.3029, 0.3341

Deuteranomaly

50.9574, 0.3041, 0.3227

Tritanomaly

51.7871, 0.2725, 0.3197

Monochromacy



Original Color

51.8266, 0.2788, 0.3397

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.0727, 0.2997, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8266, 0.2788, 0.3397 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(147, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(147, 201, 193)  
}
```

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(147, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 201, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.8266, 0.2788, 0.3397 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(147, 201, 193) }
```

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

```
.border{ border-color:rgb(147, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(147, 201,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8266, 0.2788, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 201, 193) }
```

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

```
.background{ background-color: rgb(147,  
201, 193) }
```

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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