

Converting Colors

$Yxy(51.8961, 0.2818, 0.3390)$

Have a look what the booklet for
Yxy(51.8961, 0.2818, 0.3390)
contains.

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Color

Yxy(51.7381, 0.2814, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	97C8C1
RGB	151, 200, 193
RGB Percent	59%, 78%, 76%
CMY	0.4080, 0.2156, 0.2432
CMYK	0.25, 0.00, 0.04, 0.22
HSL	171°, 31%, 69%
HSV	171°, 25%, 78%
XYZ	43.0361, 51.7381, 58.1614
YIQ	184.5510, -26.9570, -12.5650

Conversions

Conversions Part 2

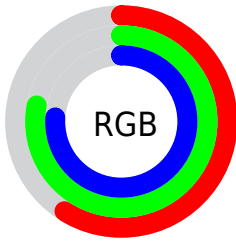
Format	Color
RYB	151, 177, 200
Decimal	9947329
CIELab	77.12, -17.45, -1.72
CIELCh	77, 17.537, 185.621
Yxy	51.7381, 0.2814, 0.3383
Android (android.graphics.Color)	4288137409 (0xFF97C8C1)
YUV	184.5510, 4.1654, -29.4242
Hunter-Lab	71.9292, -19.0775, 2.4090

Details

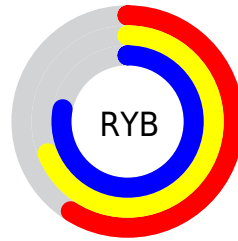
The Yxy color **51.7381, 0.2814, 0.3383** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.8718, 0.3563, 0.3200**, and the grayscale version is **48.2381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4814, 0.2869, 0.3352**, and **25.1039, 0.2729, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **49.8600, 0.2702, 0.3426**, and if you desaturate by 10%, it is **53.9475, 0.2936, 0.3343**.

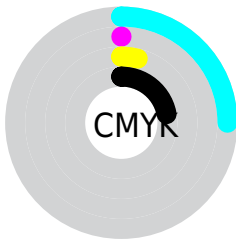
Distribution



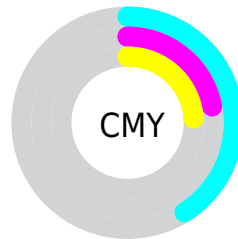
- Red (59%)
- Green (78%)
- Blue (76%)



- Red (59%)
- Yellow (69%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





- Cyan (41%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7381, 0.2814, 0.3383 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 51.7381, 0.2814, 0.3383 by changing the saturation by 10% instead.


 51.7381, 0.2814,
0.3383

 51.7381, 0.2814,
0.3383


393.4247, 0.2967,
0.3338

 36.7964, 0.2777,
0.3394


 92.7449, 0.2869,
0.3367

 25.0499, 0.2730,
0.3407


 119.5787, 0.2890,
0.3361

 16.1142, 0.2668,
0.3424


151.1454, 0.2907,
0.3356

 9.6050, 0.2583,
0.3448

187.8292, 0.2923,
0.3351

 5.1379, 0.2461,
0.3481

230.0147, 0.2936,
0.3348

 2.3284, 0.2269,
0.3530

278.0862, 0.2948,

 0.7887, 0.1547,

0.3344

332.4280, 0.2958,
0.3341

0.3772

0.0000, 0.0000,
0.0000

51.7381, 0.2814,
0.3383

51.7381, 0.2814,
0.3383

49.8600, 0.2702,
0.3426

53.9475, 0.2936,
0.3343

48.2905, 0.2603,
0.3472

56.4972, 0.3067,
0.3306

47.0138, 0.2521,
0.3521

59.4035, 0.3202,
0.3272

46.0104, 0.2456,
0.3570

62.6798, 0.3339,
0.3242

45.2582, 0.2410,
0.3621

66.3390, 0.3477,
0.3215

■ 44.7316, 0.2383,
0.3671

■ 67.2366, 0.3486,
0.3187

■ 44.3997, 0.2375,
0.3722

■ 67.3809, 0.3464,
0.3158

■ 44.2685, 0.2375,
0.3749

■ 67.5277, 0.3442,
0.3129

■ 67.6772, 0.3419,
0.3100

Harmonies

Analogous

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



51.7381, 0.3016, 0.3585



51.7381, 0.2814, 0.3383



51.7381, 0.2696, 0.3162

Triad

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



51.7381, 0.2814, 0.3383



51.7381, 0.2988, 0.2915



51.7381, 0.3584, 0.3574

Complementary

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



51.7381, 0.2814, 0.3383



36.8718, 0.3563, 0.3200

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.



51.7381, 0.3578, 0.3391



51.7381, 0.2814, 0.3383



51.7381, 0.3227, 0.3020

Square

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



51.7381, 0.2814, 0.3383



51.7381, 0.2793, 0.2901



51.7381, 0.3446, 0.3191



51.7381, 0.3463, 0.3691

Rectangle

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



51.7381, 0.2814, 0.3383



51.7381, 0.2678, 0.3037



51.7381, 0.3446, 0.3191



51.7381, 0.3597, 0.3518

Sweetspot

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



51.7402, 0.2814, 0.3383



96.6067, 0.3032, 0.3315



50.8497, 0.3152, 0.3966



20.6183, 0.3024, 0.3317



0.0000, 0.0000, 0.0000



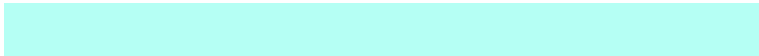
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7402, 0.2814, 0.3383



87.9061, 0.2758, 0.3404



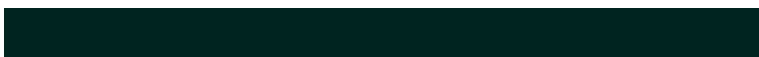
44.5505, 0.2750, 0.3056



12.0404, 0.3003, 0.3323



28.1536, 0.2373, 0.3742



1.3404, 0.2344, 0.3637

Inverse Universe

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



36.8718, 0.3563, 0.3200



58.1181, 0.3681, 0.3181



42.5686, 0.3584, 0.3512



10.6613, 0.3267, 0.3257



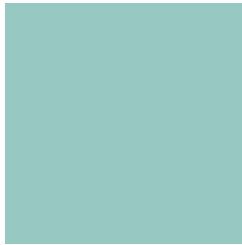
7.8711, 0.6191, 0.3184



0.3809, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 51.7381, 0.2814, 0.3383 looks on a white background.

Color Contrast Check

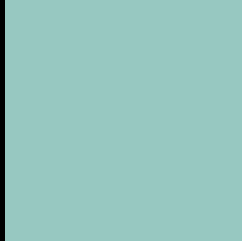
Large Text (above 18pt) WCAG AA × Fail

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 51.7381, 0.2814, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

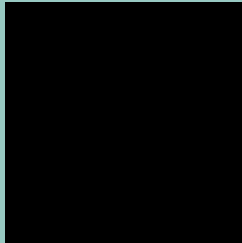
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

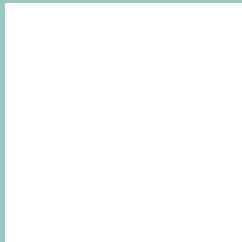
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7381, 0.2814, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 51.7381, 0.2814, 0.3383.



This preview shows how white text looks on a background with the Yxy color 51.7381, 0.2814, 0.3383.

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

51.7381, 0.2814, 0.3383

Protanopia

51.4524, 0.3184, 0.3315

Deuteranopia

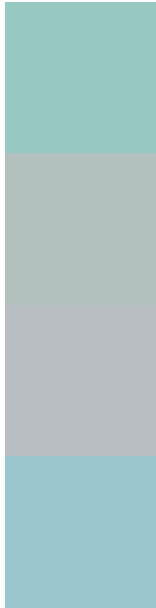
51.2456, 0.3210, 0.3146



Tritanopia

51.7052, 0.2712, 0.3083

Trichromacy



Original Color

51.7381, 0.2814, 0.3383

Protanomaly

51.2790, 0.3037, 0.3341

Deuteranomaly

51.0813, 0.3049, 0.3227

Tritanomaly

51.7144, 0.2750, 0.3184

Monochromacy



Original Color

51.7381, 0.2814, 0.3383

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3420, 0.3005, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7381, 0.2814, 0.3383 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(151, 200, 193)` looks like.

```
.text, #text, p{  
    color:rgb(151, 200, 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(151, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 200, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.7381, 0.2814, 0.3383 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(151, 200, 193) }
```

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

```
.border{ border-color:rgb(151, 200, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 200, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 200, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 200, 193);  
box-shadow:4px 4px 4px 4px rgb(151, 200,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7381, 0.2814, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 200, 193) }
```

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

```
.background{ background-color: rgb(151,  
200, 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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