

Converting Colors

$Yxy(57.5191, 0.2749, 0.3405)$

Have a look what the booklet for
Yxy(57.5191, 0.2749, 0.3405)
contains.

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Color

Yxy(57.6947, 0.2747, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	94D4CB
RGB	148, 212, 203
RGB Percent	58%, 83%, 80%
CMY	0.4196, 0.1686, 0.2040
CMYK	0.30, 0.00, 0.04, 0.17
HSL	172°, 43%, 71%
HSV	172°, 30%, 83%
XYZ	46.5318, 57.6947, 65.1649
YIQ	191.8380, -35.2550, -16.3670

Conversions

Conversions Part 2

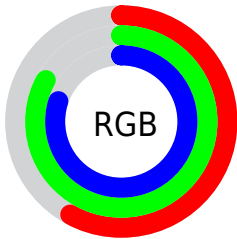
Format	Color
RYB	148, 182, 212
Decimal	9753803
CIELab	80.57, -22.17, -2.05
CIELCh	81, 22.268, 185.273
Yxy	57.6947, 0.2747, 0.3406
Android (android.graphics.Color)	4287943883 (0xFF94D4CB)
YUV	191.8380, 5.5029, -38.4459
Hunter-Lab	75.9570, -23.5744, 2.3040

Details

The Yxy color **57.6947, 0.2747, 0.3406** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6118, 0.3705, 0.3179**, and the grayscale version is **52.5951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **28.7168, 0.2652, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **55.7565, 0.2642, 0.3451**, and if you desaturate by 10%, it is **60.0024, 0.2864, 0.3364**.

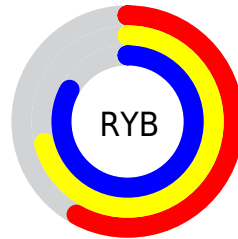
Distribution



Red (58%)

Green (83%)

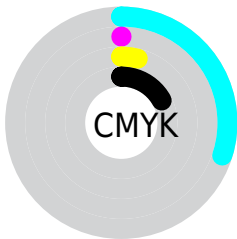
Blue (80%)



Red (58%)

Yellow (71%)

Blue (83%)

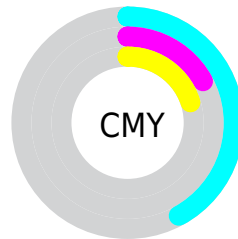


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (17%)



Cyan (42%)

Magenta (17%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6947, 0.2747, 0.3406 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 57.6947, 0.2747, 0.3406 by changing the saturation by 10% instead.


 57.6947, 0.2747,
0.3406


 57.6947, 0.2747,
0.3406


416.0474, 0.2929,
0.3351

 41.5633, 0.2704,
0.3419


 101.4781, 0.2811,
0.3387

 28.7595, 0.2650,
0.3434


 129.8989, 0.2836,
0.3380

 18.8989, 0.2579,
0.3454


163.1849, 0.2857,
0.3373

 11.5973, 0.2485,
0.3481

201.7206, 0.2876,
0.3368

 6.4701, 0.2353,
0.3517

245.8903, 0.2892,
0.3363

 3.1330, 0.2153,
0.3570

296.0783, 0.2906,

 1.2015, 0.1749,

0.3359

352.6692, 0.2918,
0.3355

0.3681

0.0630, 0.0000,
0.2293

0.0000, 0.0000,
0.0000

57.6947, 0.2747,
0.3406

57.6947, 0.2747,
0.3406

55.7565, 0.2642,
0.3451

60.0024, 0.2864,
0.3364

54.1610, 0.2552,
0.3497

62.6908, 0.2991,
0.3326

52.8889, 0.2479,
0.3546

65.7794, 0.3125,
0.3291

51.9158, 0.2425,
0.3595

69.2842, 0.3262,
0.3259

■ 51.2144, 0.2390,
0.3645

■ 73.2204, 0.3400,
0.3231

■ 50.7517, 0.2374,
0.3695

■ 73.5679, 0.3386,
0.3201

■ 50.4719, 0.2373,
0.3744

■ 73.7288, 0.3364,
0.3171

■ 73.8926, 0.3343,
0.3141

■ 74.0592, 0.3321,
0.3111

Harmonies

Analogous

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



57.6947, 0.2993, 0.3657



57.6947, 0.2747, 0.3406



57.6947, 0.2604, 0.3132

Triad

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



57.6947, 0.2747, 0.3406



57.6947, 0.2952, 0.2835



57.6947, 0.3688, 0.3631

Complementary

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



57.6947, 0.2747, 0.3406



37.6118, 0.3705, 0.3179

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.



57.6947, 0.3680, 0.3406



57.6947, 0.2747, 0.3406



57.6947, 0.3244, 0.2960

Square

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



57.6947, 0.2747, 0.3406



57.6947, 0.2718, 0.2818



57.6947, 0.3515, 0.3165



57.6947, 0.3540, 0.3780

Rectangle

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



57.6947, 0.2747, 0.3406



57.6947, 0.2582, 0.2981



57.6947, 0.3515, 0.3165



57.6947, 0.3704, 0.3561

Sweetspot

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



57.6970, 0.2747, 0.3406



95.6972, 0.3006, 0.3322



56.4574, 0.3155, 0.4151



20.3445, 0.2986, 0.3327



0.0000, 0.0000, 0.0000



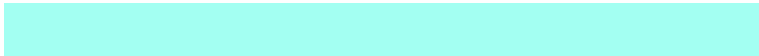
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6970, 0.2747, 0.3406



85.7409, 0.2680, 0.3433



47.7047, 0.2662, 0.2993



14.0763, 0.3001, 0.3323



31.1673, 0.2371, 0.3736



1.8883, 0.2348, 0.3651

Inverse Universe

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



37.6118, 0.3705, 0.3179



50.6664, 0.3876, 0.3156



45.0357, 0.3720, 0.3568



12.4491, 0.3269, 0.3257



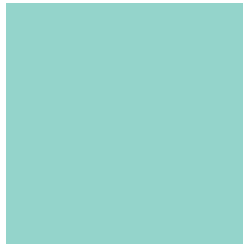
8.7075, 0.6202, 0.3190



0.5346, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 57.6947, 0.2747, 0.3406 looks on a white background.

Color Contrast Check

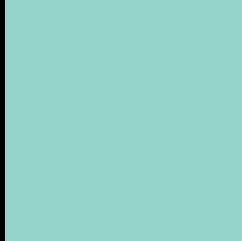
Large Text (above 18pt) WCAG AA × Fail

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 57.6947, 0.2747, 0.3406 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

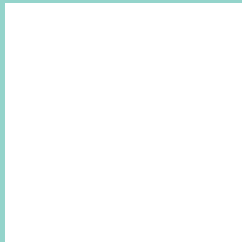
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6947, 0.2747, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 57.6947, 0.2747, 0.3406.

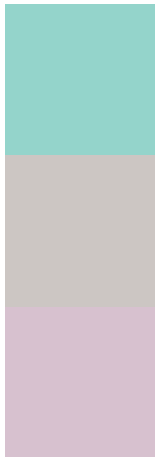


This preview shows how white text looks on a background with the Yxy color 57.6947, 0.2747, 0.3406.

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

57.6947, 0.2747, 0.3406

Protanopia

57.1657, 0.3197, 0.3326

Deuteranopia

57.0920, 0.3199, 0.3130



Tritanopia

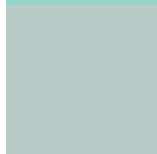
57.8095, 0.2647, 0.3089

Trichromacy



Original Color

57.6947, 0.2747, 0.3406



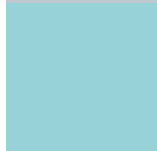
Protanomaly

56.9794, 0.3018, 0.3351



Deuteranomaly

56.8412, 0.3016, 0.3217



Tritanomaly

57.6823, 0.2682, 0.3200

Monochromacy



Original Color

57.6947, 0.2747, 0.3406



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.0625, 0.2972, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6947, 0.2747, 0.3406 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(148, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(148, 212, 203)  
}
```

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(148, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 212, 203) }
```

Border

The CSS property to change the border of an element to Yxy 57.6947, 0.2747, 0.3406 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(148, 212, 203) }
```

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

```
.border{ border-color:rgb(148, 212, 203) }
```

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

Here you see how a box with a 4 pixel rgb(148, 212, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(148, 212,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6947, 0.2747, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 212, 203) }
```

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

```
.background{ background-color: rgb(148,  
212, 203) }
```

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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