

Converting Colors

$Yxy(58.4126, 0.2768, 0.3368)$

Have a look what the booklet for
Yxy(58.4126, 0.2768, 0.3368)
contains.

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Color

Yxy(58.4132, 0.2766, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	9AD4CE
RGB	154, 212, 206
RGB Percent	60%, 83%, 81%
CMY	0.3963, 0.1686, 0.1922
CMYK	0.27, 0.00, 0.03, 0.17
HSL	174°, 40%, 72%
HSV	174°, 27%, 83%
XYZ	48.0009, 58.4132, 67.1249
YIQ	193.9740, -32.6420, -14.1620

Conversions

Conversions Part 2

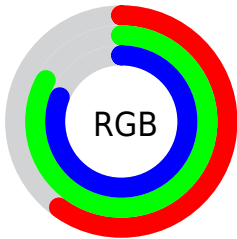
Format	Color
RYB	154, 185, 212
Decimal	10147022
CIELab	80.97, -19.79, -3.03
CIELCh	81, 20.022, 188.708
Yxy	58.4132, 0.2766, 0.3366
Android (android.graphics.Color)	4288337102 (0xFF9AD4CE)
YUV	193.9740, 5.9288, -35.0572
Hunter-Lab	76.4285, -21.6432, 1.4274

Details

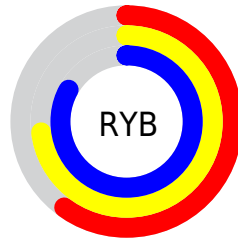
The Yxy color **58.4132, 0.2766, 0.3366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6311, 0.3656, 0.3217**, and the grayscale version is **53.9058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **29.1476, 0.2674, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **56.4102, 0.2654, 0.3398**, and if you desaturate by 10%, it is **60.7898, 0.2891, 0.3336**.

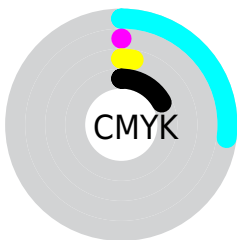
Distribution



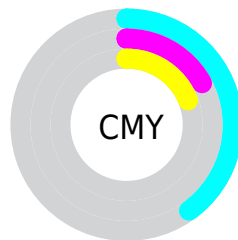
- Red (60%)
- Green (83%)
- Blue (81%)



- Red (60%)
- Yellow (73%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)





- Cyan (40%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4132, 0.2766, 0.3366 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 58.4132, 0.2766, 0.3366 by changing the saturation by 10% instead.


 58.4132, 0.2766,
0.3366


 58.4132, 0.2766,
0.3366


418.7239, 0.2939,
0.3331

 42.1409, 0.2725,
0.3374

 102.5243, 0.2827,
0.3354

 29.2117, 0.2674,
0.3384


 131.1320, 0.2850,
0.3349

 19.2410, 0.2608,
0.3396


164.6202, 0.2870,
0.3345

 11.8445, 0.2520,
0.3411

203.3734, 0.2888,
0.3342

 6.6379, 0.2396,
0.3432

247.7760, 0.2903,
0.3339

 3.2367, 0.2209,
0.3460

298.2123, 0.2916,

 1.2565, 0.1874,

0.3336

0.3509

355.0668, 0.2928,
0.3333

0.1072, 0.0000,
0.2459

0.0000, 0.0000,
0.0000

58.4132, 0.2766,
0.3366

58.4132, 0.2766,
0.3366

56.4102, 0.2654,
0.3398

60.7898, 0.2891,
0.3336

54.7544, 0.2556,
0.3431

63.5508, 0.3024,
0.3309

53.4270, 0.2475,
0.3466

66.7153, 0.3164,
0.3284

52.4046, 0.2413,
0.3502

70.2992, 0.3308,
0.3261

■ 51.6607, 0.2370,
0.3538

■ 73.3650, 0.3415,
0.3240

■ 51.1643, 0.2346,
0.3574

■ 73.4804, 0.3399,
0.3218

■ 50.8732, 0.2339,
0.3609

■ 73.5974, 0.3383,
0.3196

■ 50.8122, 0.2338,
0.3618

■ 73.7159, 0.3367,
0.3174

■ 73.8360, 0.3351,
0.3152

Harmonies

Analogous

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



58.4132, 0.2979, 0.3595



58.4132, 0.2766, 0.3366



58.4132, 0.2649, 0.3125

Triad

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



58.4132, 0.2766, 0.3366



58.4132, 0.3000, 0.2889



58.4132, 0.3621, 0.3617

Complementary

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



58.4132, 0.2766, 0.3366



39.6311, 0.3656, 0.3217

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.



58.4132, 0.3630, 0.3421



58.4132, 0.2766, 0.3366



58.4132, 0.3263, 0.3011

Square

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



58.4132, 0.2766, 0.3366



58.4132, 0.2780, 0.2862



58.4132, 0.3497, 0.3202



58.4132, 0.3475, 0.3737

Rectangle

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



58.4132, 0.2766, 0.3366



58.4132, 0.2639, 0.2994



58.4132, 0.3497, 0.3202



58.4132, 0.3640, 0.3558

Sweetspot

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



58.4156, 0.2766, 0.3366



96.1983, 0.3015, 0.3311



56.9750, 0.3139, 0.4063



20.4470, 0.2994, 0.3315



0.0000, 0.0000, 0.0000



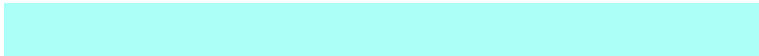
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4156, 0.2766, 0.3366



86.8305, 0.2697, 0.3385



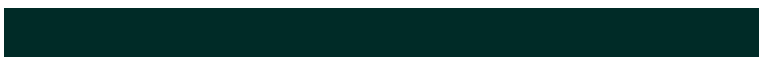
48.3410, 0.2702, 0.2998



14.0846, 0.2996, 0.3314



31.3722, 0.2337, 0.3613



1.8988, 0.2320, 0.3552

Inverse Universe

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



39.6311, 0.3656, 0.3217



53.6080, 0.3819, 0.3200



47.4631, 0.3646, 0.3564



12.4416, 0.3275, 0.3266



8.6840, 0.6271, 0.3228



0.5311, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 58.4132, 0.2766, 0.3366 looks on a white background.

Color Contrast Check

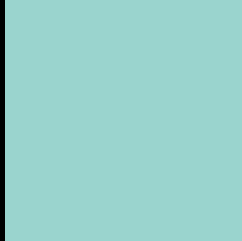
Large Text (above 18pt) WCAG AA × Fail

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 58.4132, 0.2766, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

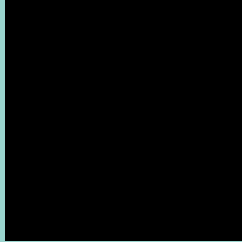
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

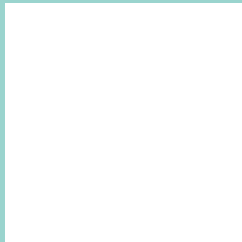
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4132, 0.2766, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 58.4132, 0.2766, 0.3366.



This preview shows how white text looks on a background with the Yxy color 58.4132, 0.2766, 0.3366.

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

58.4132, 0.2766, 0.3366

Protanopia

57.8077, 0.3166, 0.3290

Deuteranopia

57.8356, 0.3184, 0.3108



Tritanopia

58.3610, 0.2671, 0.3079

Trichromacy



Original Color

58.4132, 0.2766, 0.3366

Protanomaly

57.8891, 0.3006, 0.3314

Deuteranomaly

57.7142, 0.3010, 0.3194

Tritanomaly

58.3758, 0.2706, 0.3176

Monochromacy



Original Color

58.4132, 0.2766, 0.3366

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.4342, 0.2981, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4132, 0.2766, 0.3366 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(154, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(154, 212, 206)  
}
```

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(154, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 212, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.4132, 0.2766, 0.3366 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(154, 212, 206) }
```

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

```
.border{ border-color:rgb(154, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(154, 212,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4132, 0.2766, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 212, 206) }
```

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

```
.background{ background-color: rgb(154,  
212, 206) }
```

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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