

Converting Colors

$Yxy(52.4242, 0.2882, 0.3564)$

Have a look what the booklet for
Yxy(52.4242, 0.2882, 0.3564)
contains.

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Color

Yxy(52.6686, 0.2887, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	97CBB6
RGB	151, 203, 182
RGB Percent	59%, 80%, 71%
CMY	0.4080, 0.2039, 0.2862
CMYK	0.26, 0.00, 0.10, 0.20
HSL	156°, 33%, 69%
HSV	156°, 26%, 80%
XYZ	42.5565, 52.6686, 52.1822
YIQ	185.0580, -24.2510, -17.5550

Conversions

Conversions Part 2

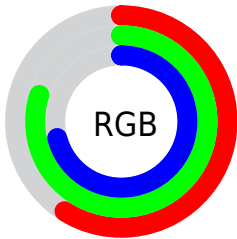
Format	Color
RYB	151, 184, 203
Decimal	9948086
CIELab	77.68, -21.28, 5.00
CIELCh	78, 21.856, 166.769
Yxy	52.6686, 0.2887, 0.3573
Android (android.graphics.Color)	4288138166 (0xFF97CBB6)
YUV	185.0580, -1.5076, -29.8689
Hunter-Lab	72.5731, -22.3316, 8.1700

Details

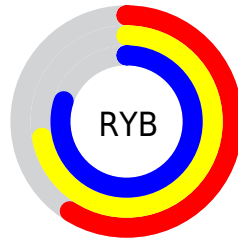
The Yxy color **52.6686, 0.2887, 0.3573** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7953, 0.3452, 0.3025**, and the grayscale version is **48.5651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8149, 0.2927, 0.3468**, and **25.7325, 0.2825, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **50.5645, 0.2804, 0.3703**, and if you desaturate by 10%, it is **55.1313, 0.2977, 0.3454**.

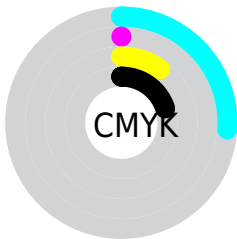
Distribution



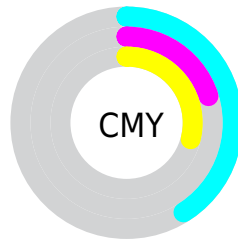
- Red (59%)
- Green (80%)
- Blue (71%)



- Red (59%)
- Yellow (72%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (41%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6686, 0.2887, 0.3573 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 52.6686, 0.2887, 0.3573 by changing the saturation by 10% instead.


 52.6686, 0.2887,
0.3573

 52.6686, 0.2887,
0.3573


397.0124, 0.3006,
0.3432

 37.5383, 0.2858,
0.3608


 94.1165, 0.2930,
0.3522

 25.6245, 0.2820,
0.3653


 121.2029, 0.2946,
0.3502

 16.5430, 0.2771,
0.3714


153.0435, 0.2960,
0.3486

 9.9092, 0.2702,
0.3798


190.0226, 0.2972,
0.3472

 5.3388, 0.2602,
0.3923

232.5247, 0.2982,
0.3460

 2.4474, 0.2440,
0.4129

280.9340, 0.2991,

 0.8501, 0.1683,

0.3449

0.4958

335.6351, 0.2999,
0.3440

0.0000, 0.0000,
0.0000

52.6686, 0.2887,
0.3573

52.6686, 0.2887,
0.3573

50.5645, 0.2804,
0.3703

55.1313, 0.2977,
0.3454

48.7950, 0.2732,
0.3843

57.9623, 0.3072,
0.3346

47.3432, 0.2673,
0.3992

61.1790, 0.3170,
0.3249

46.1882, 0.2631,
0.4146

64.7957, 0.3267,
0.3163

45.3065, 0.2608,
0.4303

68.8260, 0.3364,
0.3087

■ 44.6706, 0.2605,
0.4460

■ 69.7563, 0.3322,
0.3008

■ 44.2469, 0.2622,
0.4614

■ 70.2305, 0.3262,
0.2928

■ 44.1004, 0.2633,
0.4680

■ 70.7268, 0.3203,
0.2851

■ 71.1977, 0.3151,
0.2782

Harmonies

Analogous

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



52.6686, 0.3172, 0.3766



52.6686, 0.2887, 0.3573



52.6686, 0.2673, 0.3299

Triad

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



52.6686, 0.2887, 0.3573



52.6686, 0.2793, 0.2805



52.6686, 0.3710, 0.3499

Complementary

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



52.6686, 0.2887, 0.3573



37.7953, 0.3452, 0.3025

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.



52.6686, 0.3600, 0.3255



52.6686, 0.2887, 0.3573



52.6686, 0.3060, 0.2867

Square

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



52.6686, 0.2887, 0.3573



52.6686, 0.2621, 0.2862



52.6686, 0.3358, 0.3029



52.6686, 0.3654, 0.3705

Rectangle

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



52.6686, 0.2887, 0.3573



52.6686, 0.2594, 0.3118



52.6686, 0.3358, 0.3029



52.6686, 0.3691, 0.3419

Sweetspot

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



52.6708, 0.2887, 0.3573



95.8152, 0.3049, 0.3371



53.7949, 0.3261, 0.3979



20.3501, 0.3034, 0.3388



0.0000, 0.0000, 0.0000



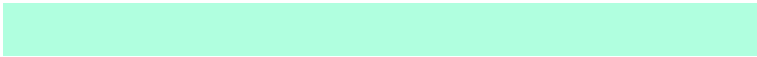
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6708, 0.2887, 0.3573



86.0774, 0.2838, 0.3647



51.5850, 0.2749, 0.3232



12.6474, 0.3036, 0.3385



28.0799, 0.2627, 0.4659



1.4634, 0.2545, 0.4361

Inverse Universe

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



37.7953, 0.3452, 0.3025



56.8377, 0.3550, 0.2962



38.4728, 0.3653, 0.3347



11.2874, 0.3228, 0.3197



8.4839, 0.5344, 0.2718



0.4526, 0.4830, 0.2435

Previews

White Background



This preview shows how the Yxy color 52.6686, 0.2887, 0.3573 looks on a white background.

Color Contrast Check

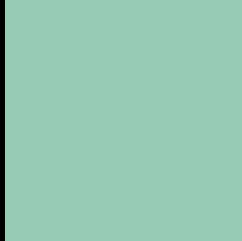
Large Text (above 18pt) WCAG AA × Fail

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 52.6686, 0.2887, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

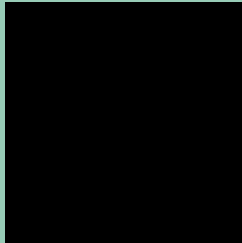
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

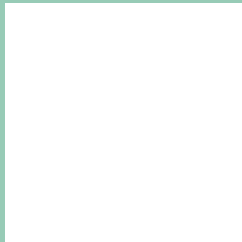
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6686, 0.2887, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 52.6686, 0.2887, 0.3573.



This preview shows how white text looks on a background with the Yxy color 52.6686, 0.2887, 0.3573.

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

52.6686, 0.2887, 0.3573

Protanopia

52.3625, 0.3309, 0.3489

Deuteranopia

52.2401, 0.3349, 0.3279



Tritanopia

52.4113, 0.2721, 0.3084

Trichromacy



Original Color

52.6686, 0.2887, 0.3573

Protanomaly

52.0683, 0.3141, 0.3509

Deuteranomaly

52.1492, 0.3164, 0.3378

Tritanomaly

52.5414, 0.2784, 0.3263

Monochromacy



Original Color

52.6686, 0.2887, 0.3573

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.0442, 0.3034, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6686, 0.2887, 0.3573 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, 203, 182)` looks like.

```
.text, #text, p{  
    color:rgb(151, 203, 182)  
}
```

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, 203, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 203, 182) }
```

Border

The CSS property to change the border of an element to Yxy 52.6686, 0.2887, 0.3573 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, 203, 182) }
```

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

```
.border{ border-color:rgb(151, 203, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 203, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 203, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 203, 182);  
box-shadow:4px 4px 4px 4px rgb(151, 203,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6686, 0.2887, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 203, 182) }
```

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

```
.background{ background-color: rgb(151,  
203, 182) }
```

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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