

Converting Colors

$Yxy(54.9804, 0.2703, 0.3872)$

Have a look what the booklet for
Yxy(54.9804, 0.2703, 0.3872)
contains.

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Color

Yxy(54.9719, 0.2703, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	6ED7AE
RGB	110, 215, 174
RGB Percent	43%, 84%, 68%
CMY	0.5684, 0.1569, 0.3177
CMYK	0.49, 0.00, 0.19, 0.16
HSL	157°, 57%, 64%
HSV	157°, 49%, 84%
XYZ	38.3753, 54.9719, 48.6257
YIQ	178.9310, -49.4190, -35.0110

Conversions

Conversions Part 2

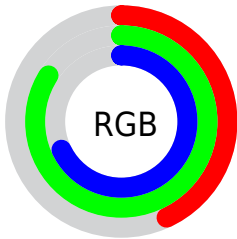
Format	Color
RYB	110, 175, 215
Decimal	7264174
CIELab	79.03, -40.04, 10.96
CIElCh	79, 41.514, 164.688
Yxy	54.9719, 0.2703, 0.3872
Android (android.graphics.Color)	4285454254 (0xFF6ED7AE)
YUV	178.9310, -2.4310, -60.4525
Hunter-Lab	74.1430, -37.3615, 13.0156

Details

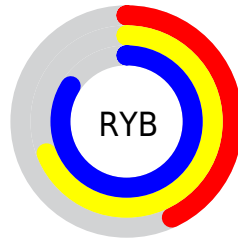
The Yxy color **54.9719, 0.2703, 0.3872** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **27.8486, 0.3933, 0.2794**, and the grayscale version is **45.0818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4487, 0.2757, 0.3571**, and **27.2249, 0.2582, 0.4041** is the 20% darker color. If you saturate the color by 10%, you get **53.4399, 0.2648, 0.4018**, and if you desaturate by 10%, it is **56.8634, 0.2773, 0.3733**.

Distribution



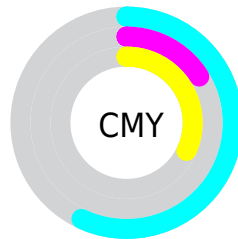
- Red (43%)
- Green (84%)
- Blue (68%)



- Red (43%)
- Yellow (69%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)





- Cyan (57%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9719, 0.2703, 0.3872 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 54.9719, 0.2703, 0.3872 by changing the saturation by 10% instead.


 54.9719, 0.2703,
0.3872


 54.9719, 0.2703,
0.3872


405.8054, 0.2914,
0.3578

 39.3792, 0.2651,
0.3946


 97.4998, 0.2779,
0.3765

 27.0549, 0.2584,
0.4042


 125.2038, 0.2808,
0.3724

 17.6144, 0.2496,
0.4170


 157.7137, 0.2832,
0.3691

 10.6735, 0.2374,
0.4350

195.4139, 0.2853,
0.3662

 5.8478, 0.2195,
0.4619

238.6887, 0.2872,
0.3636

 2.7527, 0.1910,
0.5066

287.9227, 0.2887,

 1.0040, 0.0000,

0.3615

0.7575

343.5001, 0.2901,
0.3595

0.0000, 0.0000,
0.0000

54.9719, 0.2703,
0.3872

54.9719, 0.2703,
0.3872

53.4399, 0.2648,
0.4018

56.8634, 0.2773,
0.3733

52.2357, 0.2611,
0.4169

59.1303, 0.2854,
0.3604

51.3333, 0.2594,
0.4322

61.7954, 0.2944,
0.3485


50.6992, 0.2598,
0.4474


64.8778, 0.3040,
0.3376

50.2815, 0.2619,
0.4621

68.3952, 0.3139,
0.3279

 50.2377, 0.2622,
0.4639

 72.3644, 0.3239,
0.3192

 75.7316, 0.3297,
0.3113

 76.2228, 0.3239,
0.3031

 76.7371, 0.3182,
0.2951

Harmonies

Analogous

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



54.9719, 0.3224, 0.4235



54.9719, 0.2703, 0.3872



54.9719, 0.2317, 0.3322

Triad

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



54.9719, 0.2703, 0.3872



54.9719, 0.2485, 0.2423



54.9719, 0.4220, 0.3603

Complementary

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



54.9719, 0.2703, 0.3872



27.8486, 0.3933, 0.2794

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.



54.9719, 0.3994, 0.3174



54.9719, 0.2703, 0.3872



54.9719, 0.2952, 0.2526

Square

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



54.9719, 0.2703, 0.3872



54.9719, 0.2205, 0.2516



54.9719, 0.3512, 0.2794



54.9719, 0.4118, 0.4002

Rectangle

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



54.9719, 0.2703, 0.3872



54.9719, 0.2177, 0.2973



54.9719, 0.3512, 0.2794



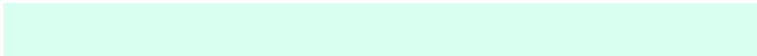
54.9719, 0.4180, 0.3459

Sweetspot

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



54.9741, 0.2703, 0.3872



92.5278, 0.2979, 0.3444



56.4056, 0.3339, 0.4700



19.6050, 0.2959, 0.3467



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.



54.9741, 0.2703, 0.3872



78.4909, 0.2645, 0.4029



51.6508, 0.2461, 0.3146



14.0218, 0.3034, 0.3383



30.0703, 0.2616, 0.4617



1.8297, 0.2545, 0.4361

Inverse Universe

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



27.8486, 0.3933, 0.2794



33.9285, 0.4218, 0.2706



29.1408, 0.4417, 0.3421



12.5004, 0.3230, 0.3199



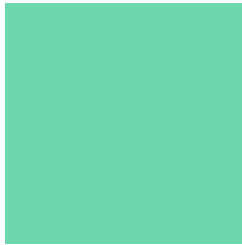
9.0436, 0.5402, 0.2749



0.5615, 0.4939, 0.2494

Previews

White Background



This preview shows how the Yxy color 54.9719, 0.2703, 0.3872 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 54.9719, 0.2703, 0.3872 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 54.9719, 0.2703, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 54.9719, 0.2703, 0.3872.

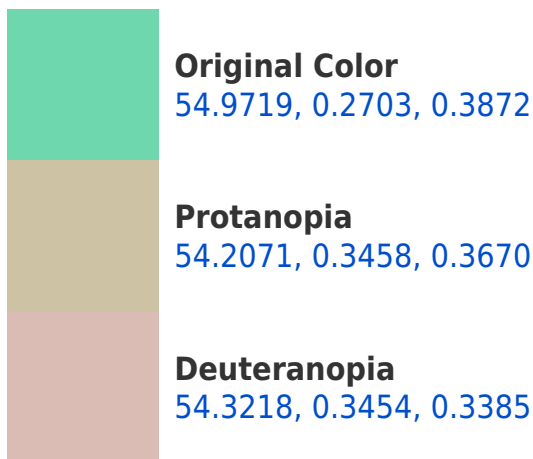


This preview shows how white text looks on a background with the Yxy color 54.9719, 0.2703, 0.3872.

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





Tritanopia

54.8331, 0.2487, 0.3067

Trichromacy



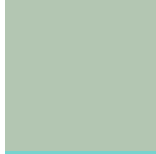
Original Color

54.9719, 0.2703, 0.3872



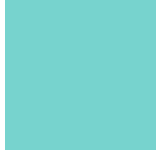
Protanomaly

53.5771, 0.3128, 0.3752



Deuteranomaly

53.1862, 0.3123, 0.3548



Tritanomaly

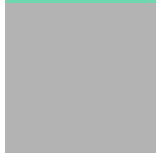
54.9667, 0.2567, 0.3356

Monochromacy



Original Color

54.9719, 0.2703, 0.3872



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.7436, 0.2937, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9719, 0.2703, 0.3872 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(110, 215, 174)` looks like.

```
.text, #text, p{  
    color:rgb(110, 215, 174)  
}
```

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(110, 215, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 215, 174) }
```

Border

The CSS property to change the border of an element to Yxy 54.9719, 0.2703, 0.3872 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(110, 215, 174) }
```

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

```
.border{ border-color:rgb(110, 215, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 215, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 215, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 215, 174);  
box-shadow:4px 4px 4px 4px rgb(110, 215,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9719, 0.2703, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 215, 174) }
```

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

```
.background{ background-color: rgb(110,  
215, 174) }
```

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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