

Converting Colors

$Yxy(55.2148, 0.2696, 0.3428)$

Have a look what the booklet for
Yxy(55.2148, 0.2696, 0.3428)
contains.

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Color

Yxy(54.9587, 0.2694, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	88D1C7
RGB	136, 209, 199
RGB Percent	53%, 82%, 78%
CMY	0.4666, 0.1804, 0.2195
CMYK	0.35, 0.00, 0.05, 0.18
HSL	172°, 44%, 68%
HSV	172°, 35%, 82%
XYZ	43.2667, 54.9587, 62.3786
YIQ	186.0330, -40.2980, -18.5860

Conversions

Conversions Part 2

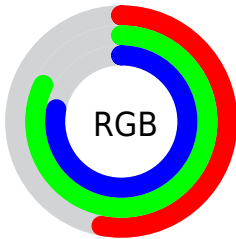
Format	Color
RYB	136, 175, 209
Decimal	8966599
CIELab	79.02, -24.93, -2.28
CIElCh	79, 25.034, 185.235
Yxy	54.9587, 0.2694, 0.3422
Android (android.graphics.Color)	4287156679 (0xFF88D1C7)
YUV	186.0330, 6.3927, -43.8789
Hunter-Lab	74.1341, -25.5572, 2.0056

Details

The Yxy color **54.9587, 0.2694, 0.3422** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.2422, 0.3837, 0.3166**, and the grayscale version is **49.1063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **26.9494, 0.2582, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **53.2467, 0.2595, 0.3466**, and if you desaturate by 10%, it is **57.0188, 0.2806, 0.3380**.

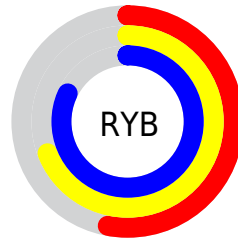
Distribution



Red (53%)

Green (82%)

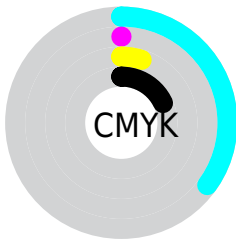
Blue (78%)



Red (53%)

Yellow (69%)

Blue (82%)

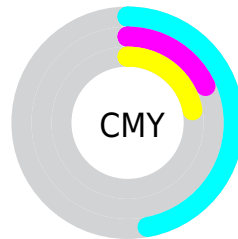


Cyan (35%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (47%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9587, 0.2694, 0.3422 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 54.9587, 0.2694, 0.3422 by changing the saturation by 10% instead.

54.9587, 0.2694,
0.3422

54.9587, 0.2694,
0.3422

405.7554, 0.2903,
0.3360

39.3687, 0.2644,
0.3437

97.4804, 0.2768,
0.3400

27.0466, 0.2581,
0.3455

125.1809, 0.2797,
0.3392

17.6083, 0.2499,
0.3478

157.6870, 0.2821,
0.3384

10.6691, 0.2389,
0.3508

195.3831, 0.2842,
0.3378

5.8448, 0.2234,
0.3550

238.6536, 0.2860,
0.3373

2.7509, 0.1996,
0.3610

287.8829, 0.2876,

1.0031, 0.1300,

0.3368

0.3831

343.4553, 0.2890,
0.3364

0.0000, 0.0000,
0.0000

54.9587, 0.2694,
0.3422

54.9587, 0.2694,
0.3422

53.2467, 0.2595,
0.3466

57.0188, 0.2806,
0.3380

51.8562, 0.2513,
0.3512

59.4387, 0.2930,
0.3342

50.7675, 0.2448,
0.3559

62.2376, 0.3061,
0.3306

49.9558, 0.2403,
0.3608


65.4315, 0.3197,
0.3274

49.3925, 0.2377,
0.3656

69.0353, 0.3336,
0.3245


 49.0425, 0.2369,
0.3703

 71.8265, 0.3426,
0.3218

 48.9144, 0.2369,
0.3727

 71.9756, 0.3404,
0.3189

 72.1273, 0.3383,
0.3161

 72.2815, 0.3362,
0.3132

Harmonies

Analogous

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



54.9587, 0.2973, 0.3712



54.9587, 0.2694, 0.3422



54.9587, 0.2533, 0.3107

Triad

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



54.9587, 0.2694, 0.3422



54.9587, 0.2926, 0.2775



54.9587, 0.3768, 0.3675

Complementary

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



54.9587, 0.2694, 0.3422



33.2422, 0.3837, 0.3166

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.



54.9587, 0.3760, 0.3418



54.9587, 0.2694, 0.3422



54.9587, 0.3259, 0.2916

Square

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



54.9587, 0.2694, 0.3422



54.9587, 0.2661, 0.2753



54.9587, 0.3570, 0.3146



54.9587, 0.3597, 0.3849

Rectangle

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



54.9587, 0.2694, 0.3422



54.9587, 0.2508, 0.2935



54.9587, 0.3570, 0.3146



54.9587, 0.3787, 0.3595

Sweetspot

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



54.9609, 0.2694, 0.3422



95.2581, 0.2992, 0.3324



53.5780, 0.3156, 0.4306



20.2573, 0.2973, 0.3329



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.



54.9609, 0.2694, 0.3422



84.1200, 0.2618, 0.3455



43.8935, 0.2591, 0.2939



13.3782, 0.3001, 0.3322



30.1702, 0.2367, 0.3721



1.6948, 0.2343, 0.3633

Inverse Universe

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



33.2422, 0.3837, 0.3166



45.0359, 0.4070, 0.3139



41.0187, 0.3839, 0.3613



11.8342, 0.3269, 0.3259



8.4196, 0.6209, 0.3194



0.4795, 0.5785, 0.2961

Previews

White Background



This preview shows how the Yxy color 54.9587, 0.2694, 0.3422 looks on a white background.

Color Contrast Check

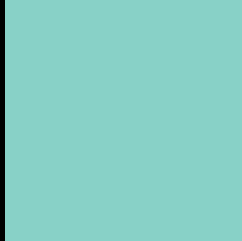
Large Text (above 18pt) WCAG AA × Fail

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 54.9587, 0.2694, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

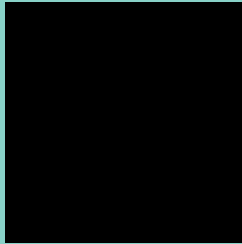
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

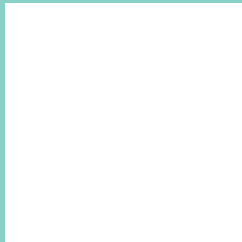
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9587, 0.2694, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 54.9587, 0.2694, 0.3422.

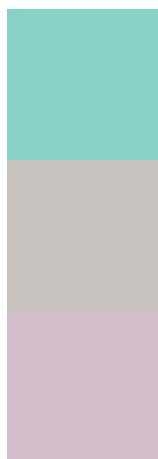


This preview shows how white text looks on a background with the Yxy color 54.9587, 0.2694, 0.3422.

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

54.9587, 0.2694, 0.3422

Protanopia

54.4434, 0.3198, 0.3339

Deuteranopia

54.4086, 0.3192, 0.3126



Tritanopia

55.1673, 0.2594, 0.3084

Trichromacy



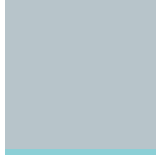
Original Color

54.9587, 0.2694, 0.3422



Protanomaly

53.9272, 0.2993, 0.3366



Deuteranomaly

53.8114, 0.2983, 0.3215



Tritanomaly

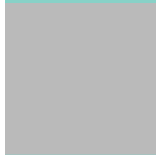
55.0561, 0.2629, 0.3198

Monochromacy



Original Color

54.9587, 0.2694, 0.3422



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

50.6700, 0.2946, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9587, 0.2694, 0.3422 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(136, 209, 199)` looks like.

```
.text, #text, p{  
    color:rgb(136, 209, 199)  
}
```

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(136, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 209, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.9587, 0.2694, 0.3422 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(136, 209, 199) }
```

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

```
.border{ border-color:rgb(136, 209, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 209, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 209, 199);  
box-shadow:4px 4px 4px 4px rgb(136, 209,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9587, 0.2694, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 209, 199) }
```

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

```
.background{ background-color: rgb(136,  
209, 199) }
```

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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