

Converting Colors

$Y_{xy}(54.1963, 0.2778, 0.3322)$

Have a look what the booklet for
Yxy(54.1963, 0.2778, 0.3322)
contains.

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Color

Yxy(54.1751, 0.2781, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	99CCC9
RGB	153, 204, 201
RGB Percent	60%, 80%, 79%
CMY	0.4001, 0.2000, 0.2117
CMYK	0.25, 0.00, 0.01, 0.20
HSL	176°, 33%, 70%
HSV	176°, 25%, 80%
XYZ	45.2707, 54.1751, 63.3399
YIQ	188.4090, -29.4330, -11.7450

Conversions

Conversions Part 2

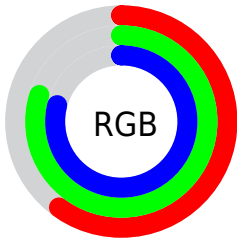
Format	Color
R _Y B	153, 179, 204
Decimal	10079433
CIE Lab	78.56, -17.12, -3.92
CIE LCh	79, 17.566, 192.879
Yxy	54.1751, 0.2781, 0.3328
Android (android.graphics.Color)	4288269513 (0xFF99CCC9)
YUV	188.4090, 6.2074, -31.0537
Hunter-Lab	73.6037, -19.0183, 0.5004

Details

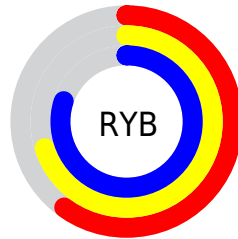
The Yxy color **54.1751, 0.2781, 0.3328** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0131, 0.3619, 0.3253**, and the grayscale version is **50.5099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **26.6286, 0.2690, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **52.3033, 0.2661, 0.3345**, and if you desaturate by 10%, it is **56.3911, 0.2913, 0.3312**.

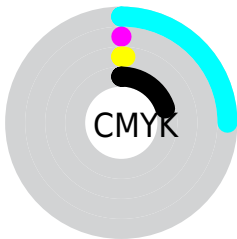
Distribution



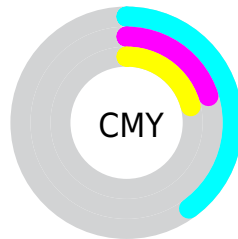
- Red (60%)
- Green (80%)
- Blue (79%)



- Red (60%)
- Yellow (70%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1751, 0.2781, 0.3328 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 54.1751, 0.2781, 0.3328 by changing the saturation by 10% instead.


 54.1751, 0.2781,
0.3328

 54.1751, 0.2781,
0.3328


402.7774, 0.2948,
0.3311

 38.7417, 0.2741,
0.3332

 96.3313, 0.2841,
0.3322

 26.5588, 0.2690,
0.3336

 123.8228, 0.2863,
0.3320

 17.2422, 0.2624,
0.3341


156.1026, 0.2883,
0.3318

 10.4073, 0.2535,
0.3347

193.5548, 0.2899,
0.3317

 5.6698, 0.2409,
0.3353

236.5640, 0.2914,
0.3315

 2.6454, 0.2214,
0.3359

285.5146, 0.2927,

 0.9495, 0.1737,

0.3314

340.7909, 0.2938,
0.3312

0.3415

0.0000, 0.0000,
0.0000

54.1751, 0.2781,
0.3328

54.1751, 0.2781,
0.3328

52.3033, 0.2661,
0.3345

56.3911, 0.2913,
0.3312

50.7518, 0.2556,
0.3364

58.9607, 0.3054,
0.3297

49.5041, 0.2468,
0.3382

61.9011, 0.3201,
0.3283

48.5394, 0.2398,
0.3402

65.2266, 0.3352,
0.3271

47.8345, 0.2347,
0.3421

68.9504, 0.3504,
0.3261

■ 47.3622, 0.2315,
0.3441

■ 69.0124, 0.3494,
0.3248

■ 47.0897, 0.2301,
0.3460

■ 69.0715, 0.3485,
0.3236

■ 46.9976, 0.2297,
0.3470

■ 69.1310, 0.3476,
0.3224

■ 69.1910, 0.3467,
0.3212

Harmonies

Analogous

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



54.1751, 0.2964, 0.3538



54.1751, 0.2781, 0.3328



54.1751, 0.2690, 0.3116

Triad

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



54.1751, 0.2781, 0.3328



54.1751, 0.3045, 0.2938



54.1751, 0.3560, 0.3606

Complementary

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



54.1751, 0.2781, 0.3328



38.0131, 0.3619, 0.3253

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.



54.1751, 0.3586, 0.3437



54.1751, 0.2781, 0.3328



54.1751, 0.3282, 0.3059

Square

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



54.1751, 0.2781, 0.3328



54.1751, 0.2837, 0.2901



54.1751, 0.3483, 0.3239



54.1751, 0.3415, 0.3698

Rectangle

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



54.1751, 0.2781, 0.3328



54.1751, 0.2690, 0.3004



54.1751, 0.3483, 0.3239



54.1751, 0.3583, 0.3556

Sweetspot

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



54.1773, 0.2781, 0.3328



96.2574, 0.3010, 0.3301



52.5943, 0.3120, 0.3989



20.4620, 0.2988, 0.3304



0.0000, 0.0000, 0.0000



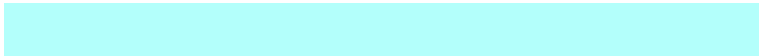
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1773, 0.2781, 0.3328



87.9790, 0.2715, 0.3337



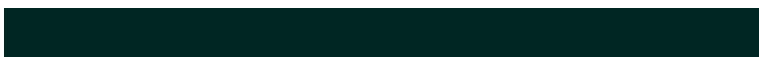
44.5431, 0.2737, 0.2992



12.7153, 0.2991, 0.3303



29.5834, 0.2296, 0.3467



1.5297, 0.2286, 0.3429

Inverse Universe

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



38.0131, 0.3619, 0.3253



56.7182, 0.3765, 0.3245



45.8330, 0.3583, 0.3570



11.2241, 0.3281, 0.3277



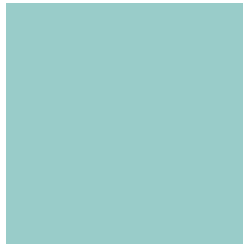
8.1013, 0.6331, 0.3261



0.4217, 0.6103, 0.3136

Previews

White Background



This preview shows how the Yxy color 54.1751, 0.2781, 0.3328 looks on a white background.

Color Contrast Check

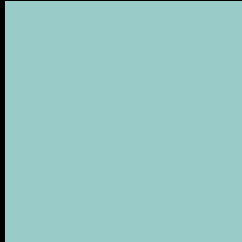
Large Text (above 18pt) WCAG AA × Fail

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 54.1751, 0.2781, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

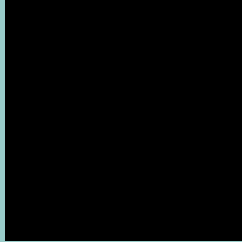
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

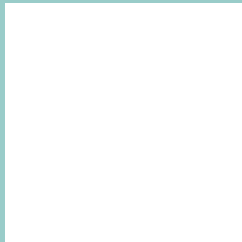
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1751, 0.2781, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 54.1751, 0.2781, 0.3328.

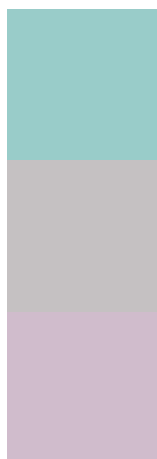


This preview shows how white text looks on a background with the Yxy color 54.1751, 0.2781, 0.3328.

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

54.1751, 0.2781, 0.3328

Protanopia

53.9053, 0.3152, 0.3278

Deuteranopia

53.7360, 0.3169, 0.3102



Tritanopia

54.0033, 0.2700, 0.3074

Trichromacy



Original Color

54.1751, 0.2781, 0.3328

Protanomaly

53.7875, 0.3003, 0.3290

Deuteranomaly

53.5867, 0.3014, 0.3179

Tritanomaly

54.0624, 0.2731, 0.3161

Monochromacy



Original Color

54.1751, 0.2781, 0.3328

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.5478, 0.2985, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1751, 0.2781, 0.3328 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(153, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(153, 204, 201)  
}
```

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(153, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 204, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.1751, 0.2781, 0.3328 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(153, 204, 201) }
```

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

```
.border{ border-color:rgb(153, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(153, 204,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1751, 0.2781, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 204, 201) }
```

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

```
.background{ background-color: rgb(153,  
204, 201) }
```

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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