

Converting Colors

$Yxy(53.4226, 0.2733, 0.3368)$

Have a look what the booklet for
Yxy(53.4226, 0.2733, 0.3368)
contains.

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Color

Yxy(53.6258, 0.2731, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	8FCDC7
RGB	143, 205, 199
RGB Percent	56%, 80%, 78%
CMY	0.4391, 0.1961, 0.2197
CMYK	0.30, 0.00, 0.03, 0.20
HSL	174°, 38%, 68%
HSV	174°, 30%, 80%
XYZ	43.4705, 53.6258, 62.0780
YIQ	185.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

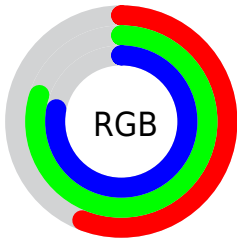
Format	Color
RYB	143, 176, 205
Decimal	9424327
CIELab	78.24, -20.99, -3.35
CIELCh	78, 21.254, 189.074
Yxy	53.6258, 0.2731, 0.3369
Android (android.graphics.Color)	4287614407 (0xFF8FCDC7)
YUV	185.7780, 6.5184, -37.5163
Hunter-Lab	73.2296, -22.1909, 0.9997

Details

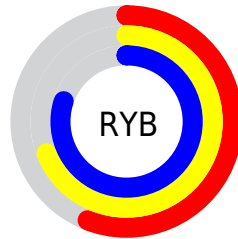
The Yxy color **53.6258, 0.2731, 0.3369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8081, 0.3734, 0.3214**, and the grayscale version is **48.9545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **26.3512, 0.2630, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **51.8699, 0.2622, 0.3399**, and if you desaturate by 10%, it is **55.7216, 0.2853, 0.3341**.

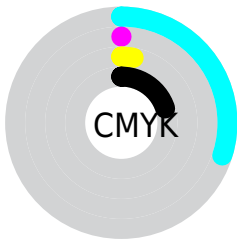
Distribution



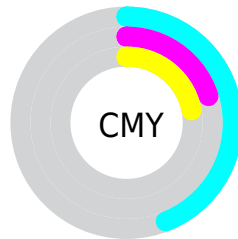
- Red (56%)
- Green (80%)
- Blue (78%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6258, 0.2731, 0.3369 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 53.6258, 0.2731, 0.3369 by changing the saturation by 10% instead.


 53.6258, 0.2731,
0.3369


 53.6258, 0.2731,
0.3369


400.6815, 0.2923,
0.3333

 38.3026, 0.2685,
0.3377


 95.5246, 0.2799,
0.3356

 26.2176, 0.2627,
0.3387


 122.8690, 0.2825,
0.3351

 16.9865, 0.2551,
0.3400


154.9891, 0.2848,
0.3347

 10.2249, 0.2449,
0.3417

192.2696, 0.2867,
0.3343

 5.5483, 0.2303,
0.3438

235.0946, 0.2884,
0.3340

 2.5724, 0.2080,
0.3466

283.8487, 0.2898,

 0.9128, 0.1408,

0.3337

0.3622

338.9162, 0.2911,
0.3335

0.0000, 0.0000,
0.0000

53.6258, 0.2731,
0.3369

53.6258, 0.2731,
0.3369

51.8699, 0.2622,
0.3399

55.7216, 0.2853,
0.3341

50.4292, 0.2528,
0.3431

58.1676, 0.2985,
0.3315

49.2858, 0.2452,
0.3463


60.9817, 0.3124,
0.3291


48.4176, 0.2395,
0.3497

64.1786, 0.3267,
0.3269

47.7991, 0.2357,
0.3530

67.7724, 0.3413,
0.3250

 47.4002, 0.2337,
0.3563

 69.6219, 0.3472,
0.3230

 47.1682, 0.2332,
0.3595

 69.7224, 0.3456,
0.3210

 69.8242, 0.3441,
0.3190

 69.9272, 0.3426,
0.3170

Harmonies

Analogous

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



53.6258, 0.2962, 0.3622



53.6258, 0.2731, 0.3369



53.6258, 0.2606, 0.3105

Triad

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



53.6258, 0.2731, 0.3369



53.6258, 0.2991, 0.2855



53.6258, 0.3665, 0.3648

Complementary

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



53.6258, 0.2731, 0.3369



34.8081, 0.3734, 0.3214

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.



53.6258, 0.3678, 0.3434



53.6258, 0.2731, 0.3369



53.6258, 0.3278, 0.2989

Square

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



53.6258, 0.2731, 0.3369



53.6258, 0.2751, 0.2823



53.6258, 0.3534, 0.3197



53.6258, 0.3504, 0.3779

Rectangle

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



53.6258, 0.2731, 0.3369



53.6258, 0.2596, 0.2964



53.6258, 0.3534, 0.3197



53.6258, 0.3688, 0.3583

Sweetspot

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



53.6280, 0.2731, 0.3369



95.7613, 0.3000, 0.3312



52.0584, 0.3132, 0.4156



20.3604, 0.2980, 0.3315



0.0000, 0.0000, 0.0000



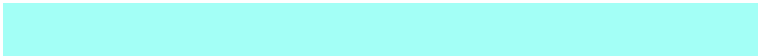
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6280, 0.2731, 0.3369



85.9863, 0.2661, 0.3388



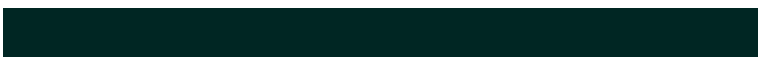
42.9807, 0.2657, 0.2950



12.7075, 0.2996, 0.3312



29.3721, 0.2331, 0.3590



1.5209, 0.2313, 0.3526

Inverse Universe

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



34.8081, 0.3734, 0.3214



50.5087, 0.3915, 0.3198



42.9037, 0.3707, 0.3606



11.2311, 0.3275, 0.3268



8.1177, 0.6278, 0.3232



0.4250, 0.5925, 0.3038

Previews

White Background



This preview shows how the Yxy color 53.6258, 0.2731, 0.3369 looks on a white background.

Color Contrast Check

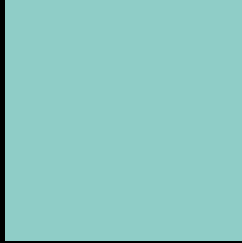
Large Text (above 18pt) WCAG AA × Fail

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 53.6258, 0.2731, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

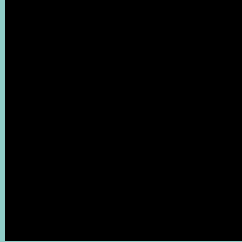
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

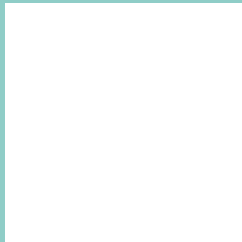
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6258, 0.2731, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 53.6258, 0.2731, 0.3369.



This preview shows how white text looks on a background with the Yxy color 53.6258, 0.2731, 0.3369.

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

53.6258, 0.2731, 0.3369

Protanopia

53.1966, 0.3167, 0.3302

Deuteranopia

53.1178, 0.3169, 0.3101



Tritanopia

53.5061, 0.2639, 0.3083

Trichromacy



Original Color

53.6258, 0.2731, 0.3369

Protanomaly

53.1747, 0.2994, 0.3328

Deuteranomaly

53.0382, 0.2991, 0.3190

Tritanomaly

53.5260, 0.2675, 0.3184

Monochromacy



Original Color

53.6258, 0.2731, 0.3369

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.4476, 0.2961, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6258, 0.2731, 0.3369 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(143, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 205, 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(143, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 205, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.6258, 0.2731, 0.3369 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(143, 205, 199) }
```

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

```
.border{ border-color:rgb(143, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 205, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 205, 199); box-shadow:4px 4px 4px 4px rgb(143, 205, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6258, 0.2731, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 205, 199) }
```

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

```
.background{ background-color: rgb(143,  
205, 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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