

Converting Colors

$Yxy(51.2196, 0.2624, 0.3347)$

Have a look what the booklet for
Yxy(51.2196, 0.2624, 0.3347)
contains.

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Color

Yxy(51.1954, 0.2620, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	7DCBC7
RGB	125, 203, 199
RGB Percent	49%, 80%, 78%
CMY	0.5101, 0.2038, 0.2197
CMYK	0.38, 0.00, 0.02, 0.20
HSL	177°, 43%, 64%
HSV	177°, 38%, 80%
XYZ	40.1112, 51.1954, 61.7897
YIQ	179.2220, -45.2040, -17.7800

Conversions

Conversions Part 2

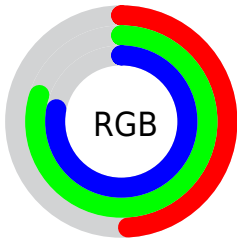
Format	Color
RYB	125, 165, 203
Decimal	8244167
CIELab	76.80, -24.95, -5.59
CIELCh	77, 25.565, 192.625
Yxy	51.1954, 0.2620, 0.3344
Android (android.graphics.Color)	4286434247 (0xFF7DCBC7)
YUV	179.2220, 9.7506, -47.5527
Hunter-Lab	71.5510, -25.1477, -1.1157

Details

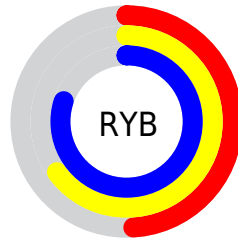
The Yxy color **51.1954, 0.2620, 0.3344** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.9292, 0.4022, 0.3240**, and the grayscale version is **45.1597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **24.8413, 0.2490, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **49.7751, 0.2520, 0.3360**, and if you desaturate by 10%, it is **52.9322, 0.2736, 0.3329**.

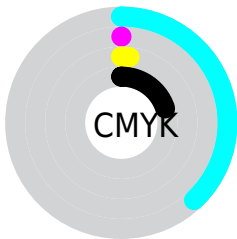
Distribution



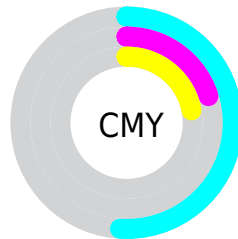
- Red (49%)
- Green (80%)
- Blue (78%)



- Red (49%)
- Yellow (65%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)





- Cyan (51%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1954, 0.2620, 0.3344 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 51.1954, 0.2620, 0.3344 by changing the saturation by 10% instead.


 51.1954, 0.2620,
0.3344


 51.1954, 0.2620,
0.3344


391.3225, 0.2866,
0.3321


 36.3641, 0.2561,
0.3348


 91.9435, 0.2708,
0.3337

 24.7156, 0.2486,
0.3353


 118.6292, 0.2741,
0.3334

 15.8653, 0.2388,
0.3359


 150.0351, 0.2770,
0.3331

 9.4289, 0.2257,
0.3364

186.5457, 0.2795,
0.3329

 5.0220, 0.2070,
0.3367

228.5454, 0.2816,
0.3327

 2.2601, 0.1784,
0.3361

276.4184, 0.2835,

 0.7525, 0.0508,

0.3325

0.3600

330.5493, 0.2852,
0.3323

0.0000, 0.0000,
0.0000

51.1954, 0.2620,
0.3344

51.1954, 0.2620,
0.3344

49.7751, 0.2520,
0.3360

52.9322, 0.2736,
0.3329

48.6462, 0.2437,
0.3377

54.9971, 0.2865,
0.3314

47.7894, 0.2374,
0.3394

57.4083, 0.3004,
0.3301

47.1805, 0.2329,
0.3411


60.1810, 0.3150,
0.3288

46.7912, 0.2303,
0.3428

63.3294, 0.3301,
0.3277


 46.5774, 0.2292,
0.3445

 66.8670, 0.3453,
0.3267

 46.5502, 0.2291,
0.3448

 68.4530, 0.3511,
0.3257

 68.5043, 0.3503,
0.3246

 68.5559, 0.3494,
0.3236

Harmonies

Analogous

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



51.1954, 0.2885, 0.3667



51.1954, 0.2620, 0.3344



51.1954, 0.2489, 0.3026

Triad

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



51.1954, 0.2620, 0.3344



51.1954, 0.2999, 0.2778



51.1954, 0.3769, 0.3747

Complementary

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



51.1954, 0.2620, 0.3344



28.9292, 0.4022, 0.3240

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.



51.1954, 0.3810, 0.3493



51.1954, 0.2620, 0.3344



51.1954, 0.3351, 0.2952

Square

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



51.1954, 0.2620, 0.3344



51.1954, 0.2698, 0.2723



51.1954, 0.3655, 0.3207



51.1954, 0.3551, 0.3897

Rectangle

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



51.1954, 0.2620, 0.3344



51.1954, 0.2490, 0.2865



51.1954, 0.3655, 0.3207



51.1954, 0.3805, 0.3670

Sweetspot

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



51.1974, 0.2620, 0.3344



94.5499, 0.2951, 0.3305



48.9551, 0.3109, 0.4440



20.1221, 0.2933, 0.3307



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.



51.1974, 0.2620, 0.3344



83.7335, 0.2537, 0.3357



37.1075, 0.2525, 0.2801



12.7167, 0.2990, 0.3302



29.6223, 0.2290, 0.3445



1.5313, 0.2281, 0.3412

Inverse Universe

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



28.9292, 0.4022, 0.3240



41.3573, 0.4320, 0.3231



38.8920, 0.3900, 0.3728



11.2229, 0.3282, 0.3278



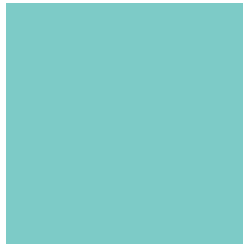
8.0988, 0.6339, 0.3266



0.4212, 0.6136, 0.3154

Previews

White Background



This preview shows how the Yxy color 51.1954, 0.2620, 0.3344 looks on a white background.

Color Contrast Check

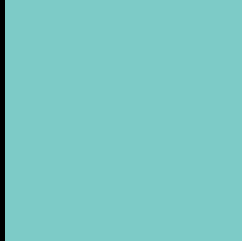
Large Text (above 18pt) WCAG AA × Fail

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 51.1954, 0.2620, 0.3344 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 51.1954, 0.2620, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 51.1954, 0.2620, 0.3344.



This preview shows how white text looks on a background with the Yxy color 51.1954, 0.2620, 0.3344.

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

51.1954, 0.2620, 0.3344

Protanopia

50.7605, 0.3137, 0.3265

Deuteranopia

50.4581, 0.3113, 0.3049



Tritanopia

51.0122, 0.2548, 0.3076

Trichromacy



Original Color

51.1954, 0.2620, 0.3344

Protanomaly

50.2057, 0.2924, 0.3289

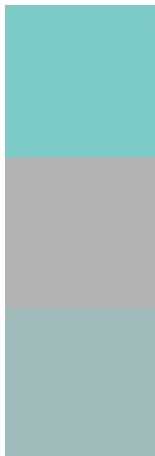
Deuteranomaly

49.9754, 0.2906, 0.3136

Tritanomaly

51.0156, 0.2572, 0.3167

Monochromacy



Original Color

51.1954, 0.2620, 0.3344

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.8825, 0.2911, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1954, 0.2620, 0.3344 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(125, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(125, 203, 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(125, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 203, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.1954, 0.2620, 0.3344 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(125, 203, 199) }
```

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

```
.border{ border-color:rgb(125, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(125, 203,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1954, 0.2620, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 203, 199) }
```

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

```
.background{ background-color: rgb(125,  
203, 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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