

Converting Colors

$Yxy(51.8300, 0.2507, 0.3447)$

Have a look what the booklet for
Yxy(51.8300, 0.2507, 0.3447)
contains.

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Color

Yxy(51.7396, 0.2507, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	62D0C5
RGB	98, 208, 197
RGB Percent	38%, 82%, 77%
CMY	0.6161, 0.1843, 0.2274
CMYK	0.53, 0.00, 0.05, 0.18
HSL	174°, 54%, 60%
HSV	174°, 53%, 82%
XYZ	37.6629, 51.7396, 60.8286
YIQ	173.8560, -62.0290, -26.7410

Conversions

Conversions Part 2

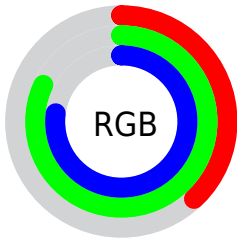
Format	Color
RYB	98, 156, 208
Decimal	6475973
CIELab	77.12, -34.15, -4.16
CIELCh	77, 34.403, 186.945
Yxy	51.7396, 0.2507, 0.3444
Android (android.graphics.Color)	4284666053 (0xFF62D0C5)
YUV	173.8560, 11.4100, -66.5257
Hunter-Lab	71.9302, -32.4147, 0.2119

Details

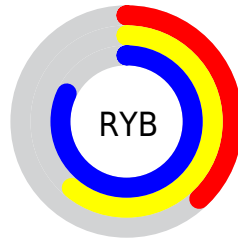
The Yxy color **51.7396, 0.2507, 0.3444** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.2305, 0.4505, 0.3159**, and the grayscale version is **42.2021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8439, 0.2597, 0.3299**, and **25.0268, 0.2347, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **50.6377, 0.2436, 0.3478**, and if you desaturate by 10%, it is **53.1473, 0.2596, 0.3411**.

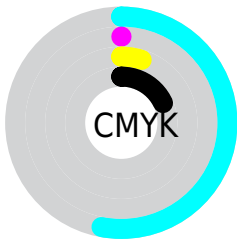
Distribution



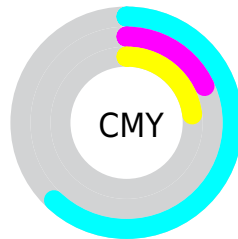
- Red (38%)
- Green (82%)
- Blue (77%)



- Red (38%)
- Yellow (61%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)




- Cyan (62%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7396, 0.2507, 0.3444 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 51.7396, 0.2507, 0.3444 by changing the saturation by 10% instead.

 51.7396, 0.2507,
0.3444


 51.7396, 0.2507,
0.3444


393.4305, 0.2807,
0.3373


 36.7976, 0.2435,
0.3460

 92.7471, 0.2614,
0.3419

 25.0508, 0.2344,
0.3479


 119.5813, 0.2655,
0.3410

 16.1149, 0.2227,
0.3504


 151.1484, 0.2690,
0.3402

 9.6055, 0.2069,
0.3534

 187.8328, 0.2720,
0.3394

 5.1382, 0.1847,
0.3573

230.0187, 0.2746,
0.3388

 2.3286, 0.1515,
0.3619

278.0908, 0.2769,

 0.7888, 0.0000,

0.3382

0.4044

332.4332, 0.2789,
0.3377

0.0000, 0.0000,
0.0000

51.7396, 0.2507,
0.3444

51.7396, 0.2507,
0.3444

50.6377, 0.2436,
0.3478

53.1473, 0.2596,
0.3411

49.8118, 0.2384,
0.3512

54.8761, 0.2701,
0.3380

49.2365, 0.2352,
0.3547

56.9474, 0.2819,
0.3350

48.8787, 0.2337,
0.3581

59.3789, 0.2949,
0.3322

48.7164, 0.2335,
0.3605

62.1873, 0.3086,
0.3297

■ 65.3880, 0.3228,
0.3274

■ 68.9958, 0.3373,
0.3253

■ 71.2158, 0.3446,
0.3234

■ 71.3225, 0.3430,
0.3213

Harmonies

Analogous

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



51.7396, 0.2879, 0.3876



51.7396, 0.2507, 0.3444



51.7396, 0.2304, 0.2999

Triad

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



51.7396, 0.2507, 0.3444



51.7396, 0.2867, 0.2594



51.7396, 0.4016, 0.3827

Complementary

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



51.7396, 0.2507, 0.3444



23.2305, 0.4505, 0.3159

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.



51.7396, 0.4027, 0.3473



51.7396, 0.2507, 0.3444



51.7396, 0.3334, 0.2793

Square

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



51.7396, 0.2507, 0.3444



51.7396, 0.2499, 0.2550



51.7396, 0.3770, 0.3105



51.7396, 0.3756, 0.4077

Rectangle

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



51.7396, 0.2507, 0.3444



51.7396, 0.2280, 0.2770



51.7396, 0.3770, 0.3105



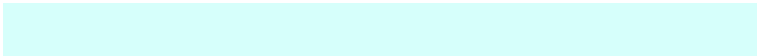
51.7396, 0.4050, 0.3716

Sweetspot

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



51.7416, 0.2507, 0.3444



92.8063, 0.2906, 0.3331



49.2445, 0.3115, 0.4939



19.6908, 0.2878, 0.3337



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.



51.7416, 0.2507, 0.3444



79.9985, 0.2425, 0.3484



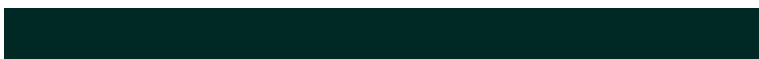
33.6854, 0.2319, 0.2632



13.3859, 0.2996, 0.3313



30.3660, 0.2333, 0.3600



1.7039, 0.2316, 0.3537

Inverse Universe

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



23.2305, 0.4505, 0.3159



29.9648, 0.5016, 0.3147



33.6216, 0.4328, 0.3841



11.8272, 0.3275, 0.3267



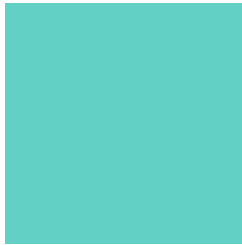
8.3977, 0.6275, 0.3231



0.4763, 0.5934, 0.3043

Previews

White Background



This preview shows how the Yxy color 51.7396, 0.2507, 0.3444 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 51.7396, 0.2507, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

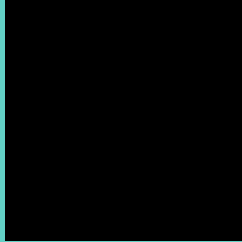
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

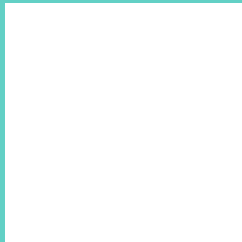
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7396, 0.2507, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 51.7396, 0.2507, 0.3444.

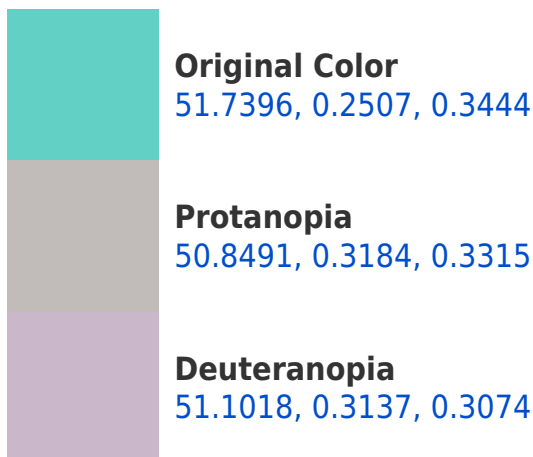


This preview shows how white text looks on a background with the Yxy color 51.7396, 0.2507, 0.3444.

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

51.4704, 0.2412, 0.3059

Trichromacy



Original Color

51.7396, 0.2507, 0.3444



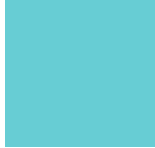
Protanomaly

50.0170, 0.2879, 0.3356



Deuteranomaly

50.2026, 0.2854, 0.3198



Tritanomaly

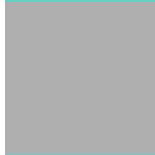
51.2997, 0.2446, 0.3192

Monochromacy



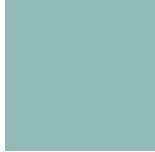
Original Color

51.7396, 0.2507, 0.3444



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

44.6062, 0.2839, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7396, 0.2507, 0.3444 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(98, 208, 197)` looks like.

```
.text, #text, p{  
    color:rgb(98, 208, 197)  
}
```

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(98, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 208, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.7396, 0.2507, 0.3444 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(98, 208, 197) }
```

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

```
.border{ border-color:rgb(98, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 208, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 208, 197);  
box-shadow:4px 4px 4px 4px rgb(98, 208,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7396, 0.2507, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 208, 197) }
```

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

```
.background{ background-color: rgb(98, 208,  
197) }
```

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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