

Converting Colors

$Yxy(56.4427, 0.2571, 0.3768)$

Have a look what the booklet for
Yxy(56.4427, 0.2571, 0.3768)
contains.

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Color

Yxy(56.4411, 0.2572, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	5CDBB9
RGB	92, 219, 185
RGB Percent	36%, 86%, 73%
CMY	0.6390, 0.1412, 0.2745
CMYK	0.58, 0.00, 0.16, 0.14
HSL	164°, 64%, 61%
HSV	164°, 58%, 86%
XYZ	38.5057, 56.4411, 54.7643
YIQ	177.1510, -64.7780, -37.4980

Conversions

Conversions Part 2

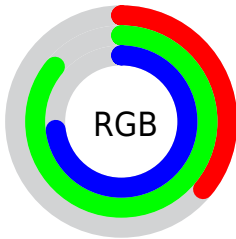
Format	Color
RYB	92, 165, 219
Decimal	6085561
CIELab	79.86, -43.24, 6.23
CIELCh	80, 43.685, 171.801
Yxy	56.4411, 0.2572, 0.3770
Android (android.graphics.Color)	4284275641 (0xFF5CDBB9)
YUV	177.1510, 3.8696, -74.6774
Hunter-Lab	75.1273, -39.9845, 9.3694

Details

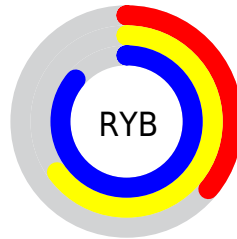
The Yxy color **56.4411, 0.2572, 0.3770** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **24.2307, 0.4407, 0.2901**, and the grayscale version is **44.0625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5463, 0.2633, 0.3447**, and **27.8990, 0.2424, 0.3900** is the 20% darker color. If you saturate the color by 10%, you get **55.2305, 0.2524, 0.3870**, and if you desaturate by 10%, it is **57.9924, 0.2639, 0.3674**.

Distribution



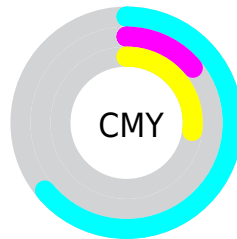
- Red (36%)
- Green (86%)
- Blue (73%)



- Red (36%)
- Yellow (65%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)




- Cyan (64%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4411, 0.2572, 0.3770 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 56.4411, 0.2572, 0.3770 by changing the saturation by 10% instead.


 56.4411, 0.2572,
0.3770

 56.4411, 0.2572,
0.3770


411.3517, 0.2842,
0.3532

 40.5567, 0.2507,
0.3829


 99.6492, 0.2669,
0.3684


 27.9729, 0.2425,
0.3904


 127.7417, 0.2705,
0.3652

 18.3052, 0.2318,
0.4003


 160.6724, 0.2737,
0.3624

 11.1693, 0.2173,
0.4139

 198.8256, 0.2764,
0.3600

 6.1808, 0.1967,
0.4339

242.5857, 0.2787,
0.3580

 2.9554, 0.1654,
0.4658

292.3372, 0.2808,

 1.1085, 0.0000,

0.3562

0.5953

348.4644, 0.2826,
0.3546

■ 0.0000, 0.0000,
0.0000

■ 56.4411, 0.2572,
0.3770

■ 56.4411, 0.2572,
0.3770

■ 55.2305, 0.2524,
0.3870

■ 57.9924, 0.2639,
0.3674

■ 54.3247, 0.2495,
0.3971

■ 59.9032, 0.2721,
0.3582

■ 53.6919, 0.2486,
0.4072

■ 62.1990, 0.2817,
0.3496

■ 53.2836, 0.2495,
0.4172

■ 64.9008, 0.2922,
0.3416

■ 53.2128, 0.2498,
0.4192

■ 68.0282, 0.3034,
0.3343

■ 71.5996, 0.3151,
0.3277

■ 75.6322, 0.3270,
0.3218

■ 77.7441, 0.3299,
0.3162

■ 78.0829, 0.3259,
0.3104

Harmonies

Analogous

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



56.4411, 0.3091, 0.4219



56.4411, 0.2572, 0.3770



56.4411, 0.2221, 0.3186

Triad

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



56.4411, 0.2572, 0.3770



56.4411, 0.2558, 0.2398



56.4411, 0.4271, 0.3716

Complementary

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



56.4411, 0.2572, 0.3770



24.2307, 0.4407, 0.2901

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.



56.4411, 0.4117, 0.3271



56.4411, 0.2572, 0.3770



56.4411, 0.3079, 0.2550

Square

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



56.4411, 0.2572, 0.3770



56.4411, 0.2218, 0.2442



56.4411, 0.3663, 0.2859



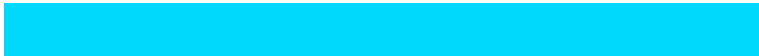
56.4411, 0.4087, 0.4111

Rectangle

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



56.4411, 0.2572, 0.3770



56.4411, 0.2114, 0.2845



56.4411, 0.3663, 0.2859



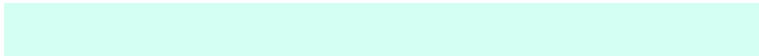
56.4411, 0.4259, 0.3569

Sweetspot

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



56.4433, 0.2572, 0.3770



91.9598, 0.2931, 0.3410



56.0268, 0.3251, 0.5036



19.5054, 0.2909, 0.3425



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.



56.4433, 0.2572, 0.3770



77.5918, 0.2514, 0.3896



44.8697, 0.2325, 0.2902



14.7669, 0.3018, 0.3353



31.5722, 0.2494, 0.4177



2.0594, 0.2448, 0.4014

Inverse Universe

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



24.2307, 0.4407, 0.2901



27.9609, 0.4872, 0.2867



29.1601, 0.4683, 0.3611



13.1085, 0.3250, 0.3228



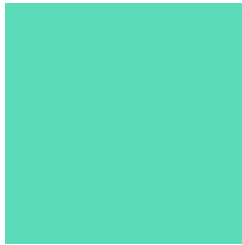
9.1306, 0.5862, 0.3003



0.6058, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 56.4411, 0.2572, 0.3770 looks on a white background.

Color Contrast Check

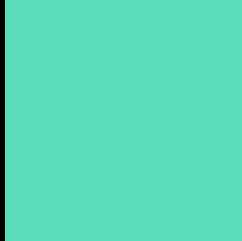
Large Text (above 18pt) WCAG AA × Fail

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 56.4411, 0.2572, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

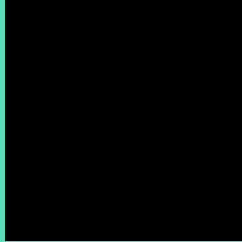
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

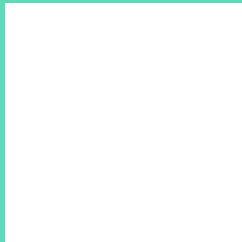
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4411, 0.2572, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 56.4411, 0.2572, 0.3770.

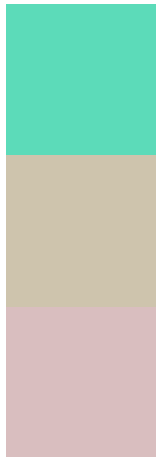


This preview shows how white text looks on a background with the Yxy color 56.4411, 0.2572, 0.3770.

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

56.4411, 0.2572, 0.3770

Protanopia

55.6188, 0.3384, 0.3569

Deuteranopia

55.3402, 0.3344, 0.3279



Tritanopia

56.4898, 0.2403, 0.3067

Trichromacy



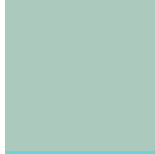
Original Color

56.4411, 0.2572, 0.3770



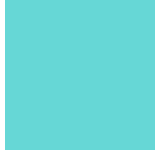
Protanomaly

54.3594, 0.3021, 0.3645



Deuteranomaly

54.2181, 0.2991, 0.3444



Tritanomaly

56.2807, 0.2459, 0.3301

Monochromacy



Original Color

56.4411, 0.2572, 0.3770



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

47.1056, 0.2858, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4411, 0.2572, 0.3770 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(92, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(92, 219, 185)  
}
```

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(92, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 219, 185) }
```

Border

The CSS property to change the border of an element to Yxy 56.4411, 0.2572, 0.3770 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(92, 219, 185) }
```

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

```
.border{ border-color:rgb(92, 219, 185) }
```

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

Here you see how a box with a 4 pixel rgb(92, 219, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(92, 219,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4411, 0.2572, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 219, 185) }
```

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

```
.background{ background-color: rgb(92, 219,  
185) }
```

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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