

Converting Colors

$Y_{xy}(56.8945, 0.2539, 0.3674)$

Have a look what the booklet for
Yxy(56.8945, 0.2539, 0.3674)
contains.

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Color

Yxy(56.7441, 0.2537, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	5CDBC0
RGB	92, 219, 192
RGB Percent	36%, 86%, 75%
CMY	0.6392, 0.1412, 0.2471
CMYK	0.58, 0.00, 0.12, 0.14
HSL	167°, 64%, 61%
HSV	167°, 58%, 86%
XYZ	39.2582, 56.7441, 58.7403
YIQ	177.9490, -67.0250, -35.3210

Conversions

Conversions Part 2

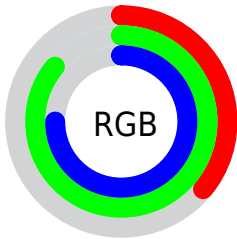
Format	Color
RYB	92, 163, 219
Decimal	6085568
CIELab	80.04, -41.58, 2.77
CIELCh	80, 41.674, 176.195
Yxy	56.7441, 0.2537, 0.3667
Android (android.graphics.Color)	4284275648 (0xFF5CDBC0)
YUV	177.9490, 6.9271, -75.3773
Hunter-Lab	75.3287, -38.7984, 6.4965

Details

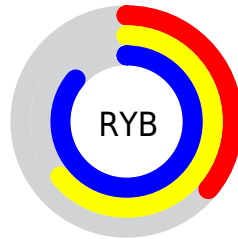
The Yxy color **56.7441, 0.2537, 0.3667** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **24.0499, 0.4512, 0.2983**, and the grayscale version is **44.4835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0696, 0.2606, 0.3367**, and **28.0778, 0.2380, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **55.5733, 0.2484, 0.3744**, and if you desaturate by 10%, it is **58.2518, 0.2608, 0.3592**.

Distribution



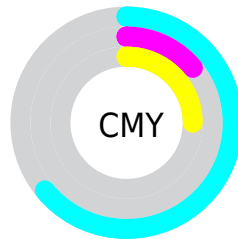
- Red (36%)
- Green (86%)
- Blue (75%)



- Red (36%)
- Yellow (64%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)




- Cyan (64%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7441, 0.2537, 0.3667 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 56.7441, 0.2537, 0.3667 by changing the saturation by 10% instead.

 56.7441, 0.2537,
0.3667


 56.7441, 0.2537,
0.3667


412.4897, 0.2822,
0.3483


 40.7998, 0.2469,
0.3712


 100.0917, 0.2638,
0.3601


 28.1627, 0.2384,
0.3768


 128.2638, 0.2677,
0.3576

 18.4483, 0.2273,
0.3841


 161.2807, 0.2710,
0.3555

 11.2724, 0.2125,
0.3941

 199.5266, 0.2738,
0.3537

 6.2503, 0.1917,
0.4084

243.3861, 0.2763,
0.3521

 2.9979, 0.1607,
0.4305

293.2436, 0.2785,

 1.1306, 0.0187,

0.3507

349.4833, 0.2804,
0.3494

0.5166

0.0039, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7441, 0.2537,
0.3667

56.7441, 0.2537,
0.3667

55.5733, 0.2484,
0.3744

58.2518, 0.2608,
0.3592

54.7038, 0.2451,
0.3823


60.1153, 0.2696,
0.3520

54.1035, 0.2437,
0.3901

62.3599, 0.2797,
0.3453

53.7242, 0.2441,
0.3979

65.0067, 0.2908,
0.3390


 53.6595, 0.2443,
0.3994

 68.0752, 0.3028,
0.3332

 71.5837, 0.3153,
0.3280

 75.5493, 0.3280,
0.3233

 77.5974, 0.3318,
0.3188

 77.8617, 0.3285,
0.3142

Harmonies

Analogous

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



56.7441, 0.3017, 0.4126



56.7441, 0.2537, 0.3667



56.7441, 0.2230, 0.3116

Triad

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



56.7441, 0.2537, 0.3667



56.7441, 0.2649, 0.2446



56.7441, 0.4211, 0.3762

Complementary

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



56.7441, 0.2537, 0.3667



24.0499, 0.4512, 0.2983

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.



56.7441, 0.4111, 0.3337



56.7441, 0.2537, 0.3667



56.7441, 0.3164, 0.2616

Square

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



56.7441, 0.2537, 0.3667



56.7441, 0.2292, 0.2461



56.7441, 0.3713, 0.2932



56.7441, 0.3995, 0.4120

Rectangle

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



56.7441, 0.2537, 0.3667



56.7441, 0.2149, 0.2808



56.7441, 0.3713, 0.2932



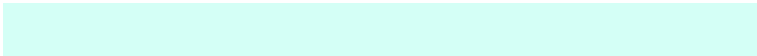
56.7441, 0.4215, 0.3623

Sweetspot

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



56.7463, 0.2537, 0.3667



92.1051, 0.2918, 0.3385



55.3978, 0.3197, 0.5067



19.5400, 0.2895, 0.3397



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.



56.7463, 0.2537, 0.3667



78.0876, 0.2474, 0.3765



41.2673, 0.2298, 0.2777



14.7796, 0.3010, 0.3340



31.8326, 0.2440, 0.3983



2.0744, 0.2404, 0.3856

Inverse Universe

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



24.0499, 0.4512, 0.2983



27.7240, 0.5014, 0.2962



31.2703, 0.4613, 0.3712



13.0966, 0.3258, 0.3240



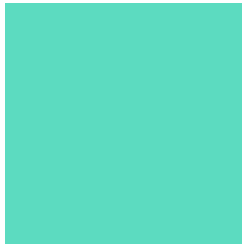
9.0629, 0.6030, 0.3095



0.5999, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 56.7441, 0.2537, 0.3667 looks on a white background.

Color Contrast Check

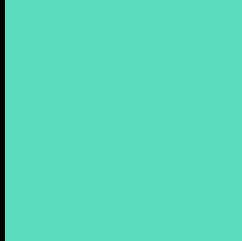
Large Text (above 18pt) WCAG AA × Fail

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 56.7441, 0.2537, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

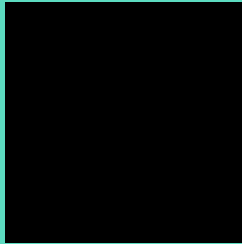
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

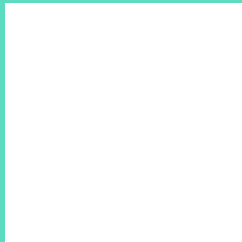
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7441, 0.2537, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 56.7441, 0.2537, 0.3667.

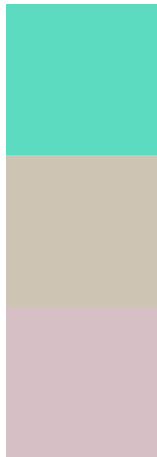


This preview shows how white text looks on a background with the Yxy color 56.7441, 0.2537, 0.3667.

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

56.7441, 0.2537, 0.3667

Protanopia

55.7543, 0.3321, 0.3484

Deuteranopia

55.7859, 0.3270, 0.3209



Tritanopia

56.4222, 0.2390, 0.3054

Trichromacy



Original Color

56.7441, 0.2537, 0.3667



Protanomaly

54.5389, 0.2966, 0.3551



Deuteranomaly

54.3049, 0.2929, 0.3353



Tritanomaly

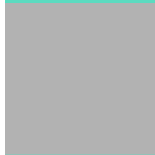
56.3773, 0.2441, 0.3261

Monochromacy



Original Color

56.7441, 0.2537, 0.3667



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

47.7619, 0.2846, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7441, 0.2537, 0.3667 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(92, 219, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 219, 192) }
```

Border

The CSS property to change the border of an element to Yxy 56.7441, 0.2537, 0.3667 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, 192) }
```

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

```
.border{ border-color:rgb(92, 219, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(92, 219,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7441, 0.2537, 0.3667 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, 192) }
```

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

```
.background{ background-color: rgb(92, 219,  
192) }
```

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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