

Converting Colors

$Yxy(56.7208, 0.2542, 0.3683)$

Have a look what the booklet for
Yxy(56.7208, 0.2542, 0.3683)
contains.

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Color

Yxy(56.6999, 0.2542, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	5CDBBF
RGB	92, 219, 191
RGB Percent	36%, 86%, 75%
CMY	0.6389, 0.1412, 0.2509
CMYK	0.58, 0.00, 0.13, 0.14
HSL	167°, 64%, 61%
HSV	167°, 58%, 86%
XYZ	39.1554, 56.6999, 58.1786
YIQ	177.8350, -66.7040, -35.6320

Conversions

Conversions Part 2

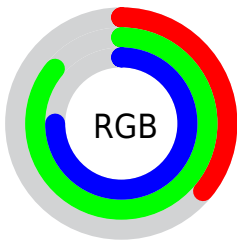
Format	Color
RYB	92, 163, 219
Decimal	6085567
CIELab	80.01, -41.80, 3.24
CIElCh	80, 41.926, 175.564
Yxy	56.6999, 0.2542, 0.3681
Android (android.graphics.Color)	4284275647 (0xFF5CDBBF)
YUV	177.8350, 6.4903, -75.2773
Hunter-Lab	75.2993, -38.9544, 6.9002

Details

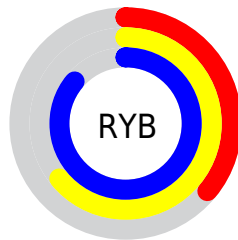
The Yxy color **56.6999, 0.2542, 0.3681** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **24.0838, 0.4497, 0.2972**, and the grayscale version is **44.4318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9108, 0.2606, 0.3378**, and **28.0552, 0.2386, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **55.5225, 0.2490, 0.3761**, and if you desaturate by 10%, it is **58.2147, 0.2613, 0.3603**.

Distribution



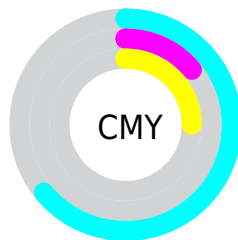
- Red (36%)
- Green (86%)
- Blue (75%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6999, 0.2542, 0.3681 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 56.6999, 0.2542, 0.3681 by changing the saturation by 10% instead.


 56.6999, 0.2542,
0.3681

 56.6999, 0.2542,
0.3681

412.3238, 0.2825,
0.3490


 40.7644, 0.2475,
0.3727


 100.0272, 0.2642,
0.3612


 28.1350, 0.2390,
0.3786


 128.1877, 0.2681,
0.3586

 18.4274, 0.2280,
0.3863


 161.1920, 0.2714,
0.3564

 11.2573, 0.2132,
0.3968

 199.4244, 0.2742,
0.3545

 6.2402, 0.1924,
0.4119

243.2694, 0.2767,
0.3529

 2.9917, 0.1614,
0.4352

293.1114, 0.2788,

 1.1274, 0.0154,

0.3514

0.5267

349.3348, 0.2807,
0.3501

0.0012, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.6999, 0.2542,
0.3681

56.6999, 0.2542,
0.3681

55.5225, 0.2490,
0.3761

58.2147, 0.2613,
0.3603

54.6468, 0.2457,
0.3843


60.0859, 0.2699,
0.3529

54.0410, 0.2444,
0.3924

62.3387, 0.2800,
0.3458

53.6568, 0.2449,
0.4005


64.9942, 0.2911,
0.3393

 53.5903, 0.2451,
0.4022

 68.0718, 0.3029,
0.3334

 71.5900, 0.3153,
0.3279

 75.5658, 0.3279,
0.3231

 77.6136, 0.3315,
0.3184

 77.8881, 0.3282,
0.3137

Harmonies

Analogous

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



56.6999, 0.3028, 0.4138



56.6999, 0.2542, 0.3681



56.6999, 0.2229, 0.3126

Triad

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



56.6999, 0.2542, 0.3681



56.6999, 0.2636, 0.2439



56.6999, 0.4219, 0.3756

Complementary

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



56.6999, 0.2542, 0.3681



24.0838, 0.4497, 0.2972

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.



56.6999, 0.4112, 0.3328



56.6999, 0.2542, 0.3681



56.6999, 0.3152, 0.2607

Square

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



56.6999, 0.2542, 0.3681



56.6999, 0.2282, 0.2458



56.6999, 0.3706, 0.2922



56.6999, 0.4008, 0.4119

Rectangle

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



56.6999, 0.2542, 0.3681



56.6999, 0.2144, 0.2813



56.6999, 0.3706, 0.2922



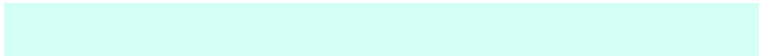
56.6999, 0.4221, 0.3615

Sweetspot

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



56.7021, 0.2542, 0.3681



92.0848, 0.2920, 0.3388



55.5496, 0.3210, 0.5059



19.5351, 0.2897, 0.3401



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.



56.7021, 0.2542, 0.3681



78.0168, 0.2479, 0.3783



42.1540, 0.2305, 0.2809



14.7779, 0.3011, 0.3342



31.7949, 0.2447, 0.4009



2.0722, 0.2410, 0.3878

Inverse Universe

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



24.0838, 0.4497, 0.2972



27.7555, 0.4994, 0.2949



30.7345, 0.4630, 0.3686



13.0983, 0.3257, 0.3239



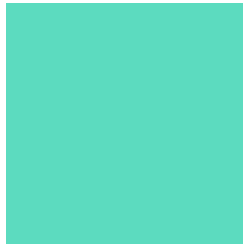
9.0713, 0.6008, 0.3083



0.6007, 0.5548, 0.2830

Previews

White Background



This preview shows how the Yxy color 56.6999, 0.2542, 0.3681 looks on a white background.

Color Contrast Check

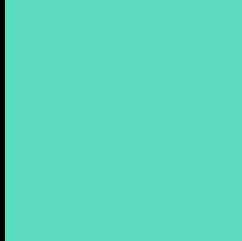
Large Text (above 18pt) WCAG AA × Fail

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 56.6999, 0.2542, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

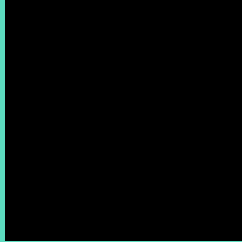
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

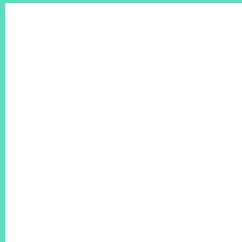
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6999, 0.2542, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 56.6999, 0.2542, 0.3681.

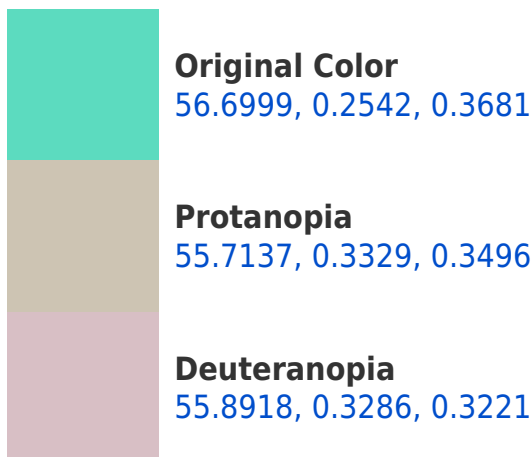


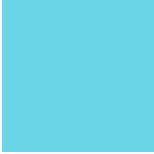
This preview shows how white text looks on a background with the Yxy color 56.6999, 0.2542, 0.3681.

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

56.4222, 0.2390, 0.3054

Trichromacy



Original Color

56.6999, 0.2542, 0.3681



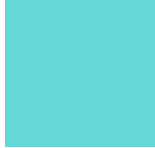
Protanomaly

54.4971, 0.2973, 0.3565



Deuteranomaly

54.3713, 0.2943, 0.3366



Tritanomaly

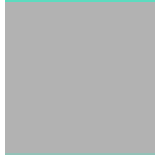
56.3254, 0.2445, 0.3275

Monochromacy



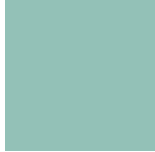
Original Color

56.6999, 0.2542, 0.3681



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 56.6999, 0.2542, 0.3681 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(92, 219, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 219, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.6999, 0.2542, 0.3681 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, 191) }
```

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

```
.border{ border-color:rgb(92, 219, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 219, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 219, 191);  
box-shadow:4px 4px 4px 4px rgb(92, 219,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6999, 0.2542, 0.3681 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, 191) }
```

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

```
.background{ background-color: rgb(92, 219,  
191) }
```

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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