

Converting Colors

Yxy(56.9878, 0.2760, 0.4300)

Have a look what the booklet for
Yxy(56.9878, 0.2760, 0.4300)
contains.

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Color

Yxy(56.9424, 0.2761, 0.4307)

Conversions

Conversions Part 1

Format	Color
Hex	5FDE98
RGB	95, 222, 152
RGB Percent	37%, 87%, 60%
CMY	0.6276, 0.1294, 0.4040
CMYK	0.57, 0.00, 0.32, 0.13
HSL	147°, 66%, 62%
HSV	147°, 57%, 87%
XYZ	36.5029, 56.9424, 38.7637
YIQ	176.0470, -53.2220, -48.6940

Conversions

Conversions Part 2

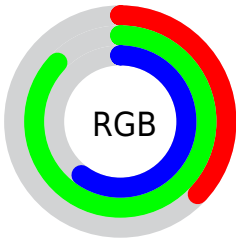
Format	Color
RYB	95, 183, 222
Decimal	6282904
CIELab	80.15, -50.99, 24.02
CIElCh	80, 56.363, 154.773
Yxy	56.9424, 0.2761, 0.4307
Android (android.graphics.Color)	4284472984 (0xFF5FDE98)
YUV	176.0470, -11.8552, -71.0782
Hunter-Lab	75.4602, -45.7083, 22.3650

Details

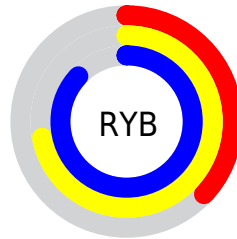
The Yxy color **56.9424, 0.2761, 0.4307** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **26.4232, 0.3870, 0.2494**, and the grayscale version is **43.5196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9936, 0.2811, 0.3853**, and **28.3505, 0.2642, 0.4607** is the 20% darker color. If you saturate the color by 10%, you get **55.5407, 0.2734, 0.4524**, and if you desaturate by 10%, it is **58.7288, 0.2804, 0.4096**.

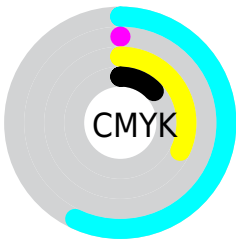
Distribution



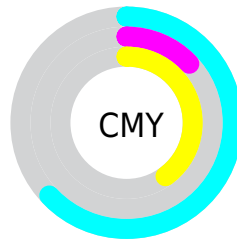
- Red (37%)
- Green (87%)
- Blue (60%)



- Red (37%)
- Yellow (72%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)




- Cyan (63%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9424, 0.2761, 0.4307 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 56.9424, 0.2761, 0.4307 by changing the saturation by 10% instead.


 56.9424, 0.2761,
0.4307

 56.9424, 0.2761,
0.4307

413.2334, 0.2954,
0.3784

 40.9590, 0.2710,
0.4441


 100.3811, 0.2833,
0.4114

 28.2870, 0.2644,
0.4616


 128.6053, 0.2859,
0.4042

 18.5422, 0.2553,
0.4850


 161.6784, 0.2882,
0.3982

 11.3399, 0.2422,
0.5181

 199.9850, 0.2900,
0.3931

 6.2960, 0.2219,
0.5678

243.9094, 0.2916,
0.3887

 3.0259, 0.1883,
0.6506

293.8360, 0.2930,

 1.1453, 0.0000,

0.3848

1.0000

350.1492, 0.2943,
0.3814

■ 0.0163, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9424, 0.2761,
0.4307

■ 56.9424, 0.2761,
0.4307

■ 55.5407, 0.2734,
0.4524

■ 58.7288, 0.2804,
0.4096

■ 54.4857, 0.2726,
0.4741


■ 60.9201, 0.2860,
0.3897


■ 53.7438, 0.2738,
0.4950

■ 63.5436, 0.2925,
0.3711

■ 53.2676, 0.2767,
0.5145


■ 66.6220, 0.2997,
0.3542

 53.1612, 0.2777,
0.5197

 70.1762, 0.3072,
0.3390

 74.2261, 0.3148,
0.3254

 78.7903, 0.3224,
0.3134

 80.4021, 0.3176,
0.3018

 80.7279, 0.3142,
0.2970

Harmonies

Analogous

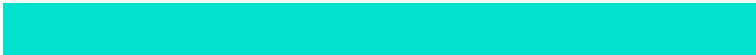
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.9424, 0.3464, 0.4643



56.9424, 0.2761, 0.4307



56.9424, 0.2195, 0.3574

Triad

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



56.9424, 0.2761, 0.4307



56.9424, 0.2139, 0.2176



56.9424, 0.4540, 0.3477

Complementary

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



56.9424, 0.2761, 0.4307



26.4232, 0.3870, 0.2494

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.



56.9424, 0.4104, 0.2949



56.9424, 0.2761, 0.4307



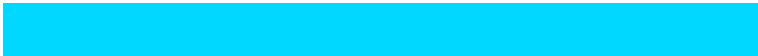
56.9424, 0.2661, 0.2238

Square

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



56.9424, 0.2761, 0.4307



56.9424, 0.1879, 0.2365



56.9424, 0.3382, 0.2512



56.9424, 0.4526, 0.4021

Rectangle

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



56.9424, 0.2761, 0.4307



56.9424, 0.1961, 0.3064



56.9424, 0.3382, 0.2512



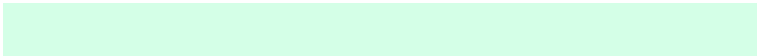
56.9424, 0.4442, 0.3295

Sweetspot

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



56.9447, 0.2761, 0.4307



91.2407, 0.2998, 0.3540



61.2836, 0.3509, 0.4875



19.3353, 0.2983, 0.3573



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.



56.9447, 0.2761, 0.4307



75.6538, 0.2731, 0.4574



59.5099, 0.2453, 0.3401



15.4390, 0.3055, 0.3422



31.5952, 0.2769, 0.5169



2.2079, 0.2686, 0.4870

Inverse Universe

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



26.4232, 0.3870, 0.2494



29.9949, 0.4117, 0.2380



24.6951, 0.4755, 0.3201



13.8264, 0.3206, 0.3162



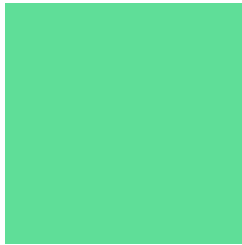
10.0869, 0.4736, 0.2383



0.7171, 0.4437, 0.2218

Previews

White Background



This preview shows how the Yxy color 56.9424, 0.2761, 0.4307 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 56.9424, 0.2761, 0.4307 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 56.9424, 0.2761, 0.4307

Background



This preview shows how black text looks on a background with the Yxy color 56.9424, 0.2761, 0.4307.



This preview shows how white text looks on a background with the Yxy color 56.9424, 0.2761, 0.4307.

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

56.9424, 0.2761, 0.4307

Protanopia

55.8526, 0.3682, 0.3961

Deuteranopia

55.9881, 0.3710, 0.3646



Tritanopia

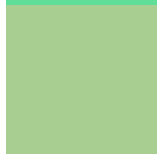
56.5957, 0.2449, 0.3069

Trichromacy



Original Color

56.9424, 0.2761, 0.4307



Protanomaly

54.6220, 0.3269, 0.4101



Deuteranomaly

54.3447, 0.3286, 0.3887



Tritanomaly

56.6438, 0.2561, 0.3493

Monochromacy



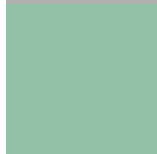
Original Color

56.9424, 0.2761, 0.4307



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

47.1330, 0.2955, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9424, 0.2761, 0.4307 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(95, 222, 152)` looks like.

```
.text, #text, p{  
  color:rgb(95, 222, 152)  
}
```

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(95, 222, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 222, 152) }
```

Border

The CSS property to change the border of an element to Yxy 56.9424, 0.2761, 0.4307 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(95, 222, 152) }
```

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

```
.border{ border-color:rgb(95, 222, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 222, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 222, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 222, 152);  
box-shadow:4px 4px 4px 4px rgb(95, 222,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9424, 0.2761, 0.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 222, 152) }
```

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

```
.background{ background-color: rgb(95, 222,  
152) }
```

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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