

Converting Colors

Yxy(56.8311, 0.2785, 0.3636)

Have a look what the booklet for
Yxy(56.8311, 0.2785, 0.3636)
contains.

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Color

Yxy(56.6653, 0.2787, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	8BD5BB
RGB	139, 213, 187
RGB Percent	55%, 84%, 73%
CMY	0.4550, 0.1647, 0.2665
CMYK	0.35, 0.00, 0.12, 0.16
HSL	159°, 47%, 69%
HSV	159°, 35%, 84%
XYZ	43.4102, 56.6653, 55.6840
YIQ	187.9100, -35.7580, -23.7740

Conversions

Conversions Part 2

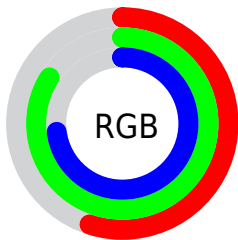
Format	Color
RYB	139, 184, 213
Decimal	9164219
CIELab	79.99, -28.70, 5.56
CIELCh	80, 29.235, 169.031
Yxy	56.6653, 0.2787, 0.3638
Android (android.graphics.Color)	4287354299 (0xFF8BD5BB)
YUV	187.9100, -0.4486, -42.8941
Hunter-Lab	75.2764, -28.7967, 8.8350

Details

The Yxy color **56.6653, 0.2787, 0.3638** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.3172, 0.3656, 0.2971**, and the grayscale version is **50.2519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5932, 0.2839, 0.3417**, and **28.1062, 0.2693, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **54.6979, 0.2708, 0.3758**, and if you desaturate by 10%, it is **59.0112, 0.2877, 0.3526**.

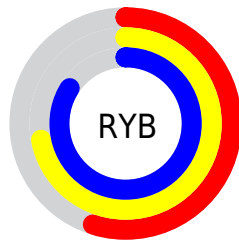
Distribution



Red (55%)

Green (84%)

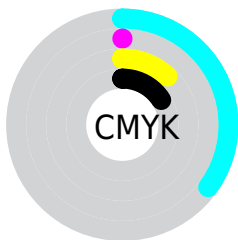
Blue (73%)



Red (55%)

Yellow (72%)

Blue (84%)

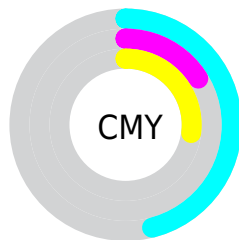


Cyan (35%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (46%)


Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6653, 0.2787, 0.3638 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 56.6653, 0.2787, 0.3638 by changing the saturation by 10% instead.


 56.6653, 0.2787,
0.3638


 56.6653, 0.2787,
0.3638


412.1940, 0.2953,
0.3466


 40.7366, 0.2747,
0.3680


 99.9767, 0.2846,
0.3576

 28.1133, 0.2696,
0.3734


 128.1281, 0.2869,
0.3553

 18.4111, 0.2629,
0.3806


 161.1225, 0.2888,
0.3533

 11.2455, 0.2538,
0.3904

199.3444, 0.2905,
0.3516

 6.2322, 0.2407,
0.4049

243.1781, 0.2919,
0.3501

 2.9868, 0.2203,
0.4281

293.0080, 0.2932,

 1.1248, 0.1531,

0.3488

0.4910

349.2185, 0.2943,
0.3476

0.0000, 0.0000,
0.0000

56.6653, 0.2787,
0.3638

56.6653, 0.2787,
0.3638

54.6979, 0.2708,
0.3758

59.0112, 0.2877,
0.3526

53.0809, 0.2643,
0.3885

61.7479, 0.2974,
0.3424

51.7934, 0.2596,
0.4018

64.8960, 0.3077,
0.3331

50.8093, 0.2567,
0.4153

68.4721, 0.3183,
0.3247


50.0983, 0.2559,
0.4289


72.4924, 0.3288,
0.3173

 49.6236, 0.2570,
0.4423

 74.6704, 0.3306,
0.3102

 49.4356, 0.2581,
0.4492

 75.1037, 0.3253,
0.3029

 75.5554, 0.3202,
0.2958

 76.0254, 0.3151,
0.2887

Harmonies

Analogous

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



56.6653, 0.3151, 0.3908



56.6653, 0.2787, 0.3638



56.6653, 0.2524, 0.3267

Triad

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



56.6653, 0.2787, 0.3638



56.6653, 0.2715, 0.2668



56.6653, 0.3892, 0.3575

Complementary

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



56.6653, 0.2787, 0.3638



35.3172, 0.3656, 0.2971

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.



56.6653, 0.3765, 0.3262



56.6653, 0.2787, 0.3638



56.6653, 0.3066, 0.2760

Square

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



56.6653, 0.2787, 0.3638



56.6653, 0.2486, 0.2723



56.6653, 0.3454, 0.2972



56.6653, 0.3799, 0.3840

Rectangle

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



56.6653, 0.2787, 0.3638



56.6653, 0.2434, 0.3034



56.6653, 0.3454, 0.2972



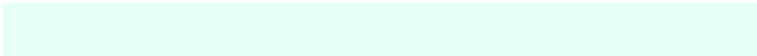
56.6653, 0.3874, 0.3472

Sweetspot

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



56.6676, 0.2787, 0.3638



94.9177, 0.3022, 0.3379



57.5745, 0.3275, 0.4266



20.1746, 0.3007, 0.3393



0.0000, 0.0000, 0.0000



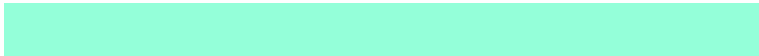
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6676, 0.2787, 0.3638



82.8391, 0.2725, 0.3730



53.0662, 0.2622, 0.3159



14.0304, 0.3029, 0.3373



30.2153, 0.2576, 0.4473



1.8379, 0.2512, 0.4243

Inverse Universe

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



35.3172, 0.3656, 0.2971



45.9308, 0.3828, 0.2900



37.4543, 0.3905, 0.3415



12.4920, 0.3237, 0.3209



8.9665, 0.5560, 0.2837



0.5563, 0.5077, 0.2571

Previews

White Background



This preview shows how the Yxy color 56.6653, 0.2787, 0.3638 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 56.6653, 0.2787, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

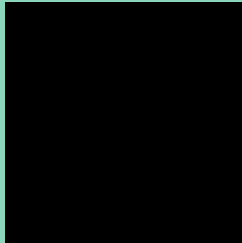
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

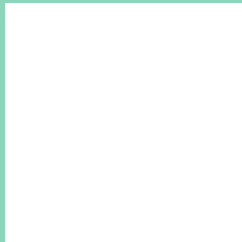
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6653, 0.2787, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 56.6653, 0.2787, 0.3638.

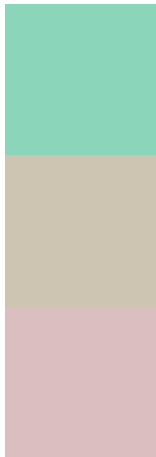


This preview shows how white text looks on a background with the Yxy color 56.6653, 0.2787, 0.3638.

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

56.6653, 0.2787, 0.3638

Protanopia

56.1260, 0.3335, 0.3520

Deuteranopia

56.1274, 0.3351, 0.3279



Tritanopia

56.6966, 0.2616, 0.3087

Trichromacy



Original Color

56.6653, 0.2787, 0.3638



Protanomaly

55.8718, 0.3114, 0.3569



Deuteranomaly

55.5117, 0.3122, 0.3401



Tritanomaly

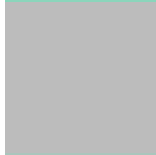
56.7256, 0.2674, 0.3276

Monochromacy



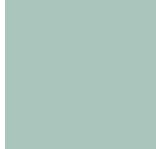
Original Color

56.6653, 0.2787, 0.3638



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.1094, 0.2983, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6653, 0.2787, 0.3638 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(139, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(139, 213, 187)  
}
```

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(139, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 213, 187) }
```

Border

The CSS property to change the border of an element to Yxy 56.6653, 0.2787, 0.3638 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(139, 213, 187) }
```

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

```
.border{ border-color:rgb(139, 213, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 213, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(139, 213,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6653, 0.2787, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 213, 187) }
```

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

```
.background{ background-color: rgb(139,  
213, 187) }
```

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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