

Converting Colors

$Yxy(56.6199, 0.2936, 0.3599)$

Have a look what the booklet for
Yxy(56.6199, 0.2936, 0.3599)
contains.

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Color

Yxy(56.6808, 0.2940, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	A1D1B9
RGB	161, 209, 185
RGB Percent	63%, 82%, 73%
CMY	0.3685, 0.1804, 0.2744
CMYK	0.23, 0.00, 0.11, 0.18
HSL	150°, 34%, 73%
HSV	150°, 23%, 82%
XYZ	46.2636, 56.6808, 54.4148
YIQ	191.9120, -20.9040, -17.6400

Conversions

Conversions Part 2

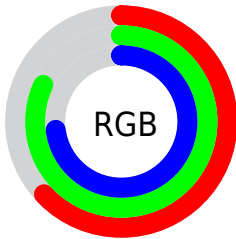
Format	Color
RYB	161, 193, 209
Decimal	10604985
CIELab	80.00, -20.48, 6.80
CIElCh	80, 21.580, 161.626
Yxy	56.6808, 0.2940, 0.3602
Android (android.graphics.Color)	4288795065 (0xFFA1D1B9)
YUV	191.9120, -3.4076, -27.1098
Hunter-Lab	75.2867, -22.0635, 9.8477

Details

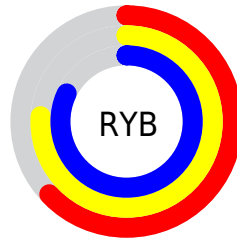
The Yxy color **56.6808, 0.2940, 0.3602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.5623, 0.3367, 0.2998**, and the grayscale version is **52.6943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4698, 0.2969, 0.3434**, and **27.9653, 0.2884, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **54.2643, 0.2866, 0.3762**, and if you desaturate by 10%, it is **59.4973, 0.3020, 0.3456**.

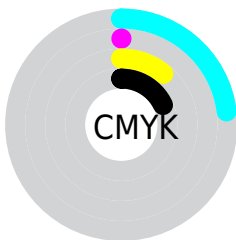
Distribution



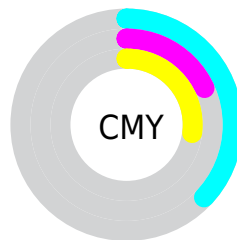
- Red (63%)
- Green (82%)
- Blue (73%)



- Red (63%)
- Yellow (76%)
- Blue (82%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)





- Cyan (37%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6808, 0.2940, 0.3602 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 56.6808, 0.2940, 0.3602 by changing the saturation by 10% instead.


 56.6808, 0.2940,
0.3602

 56.6808, 0.2940,
0.3602


412.2521, 0.3032,
0.3448

 40.7490, 0.2917,
0.3640


 99.9993, 0.2973,
0.3546

 28.1230, 0.2889,
0.3689


 128.1548, 0.2986,
0.3525

 18.4184, 0.2851,
0.3753


161.1536, 0.2996,
0.3507

 11.2508, 0.2799,
0.3842

199.3802, 0.3006,
0.3492

 6.2358, 0.2722,
0.3972

243.2190, 0.3014,
0.3479

 2.9890, 0.2601,
0.4184

293.0543, 0.3020,

 1.1260, 0.2293,

0.3467

0.4676

349.2706, 0.3027,
0.3457

0.0000, 0.0000,
0.0000

56.6808, 0.2940,
0.3602

56.6808, 0.2940,
0.3602

54.2643, 0.2866,
0.3762

59.4973, 0.3020,
0.3456

52.2222, 0.2800,
0.3936

62.7243, 0.3103,
0.3326

50.5364, 0.2746,
0.4121

66.3804, 0.3186,
0.3209

49.1846, 0.2708,
0.4314

70.4812, 0.3269,
0.3107

48.1421, 0.2687,
0.4511

72.9872, 0.3272,
0.3009

■ 47.3803, 0.2687,
0.4706

■ 73.6166, 0.3198,
0.2909

■ 46.8649, 0.2706,
0.4894

■ 74.0777, 0.3148,
0.2841

■ 46.6081, 0.2728,
0.5021

Harmonies

Analogous

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



56.6808, 0.3220, 0.3766



56.6808, 0.2940, 0.3602



56.6808, 0.2717, 0.3346

Triad

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



56.6808, 0.2940, 0.3602



56.6808, 0.2769, 0.2823



56.6808, 0.3681, 0.3453

Complementary

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



56.6808, 0.2940, 0.3602



42.5623, 0.3367, 0.2998

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.



56.6808, 0.3550, 0.3217



56.6808, 0.2940, 0.3602



56.6808, 0.3015, 0.2864

Square

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



56.6808, 0.2940, 0.3602



56.6808, 0.2622, 0.2899



56.6808, 0.3302, 0.3005



56.6808, 0.3655, 0.3662

Rectangle

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



56.6808, 0.2940, 0.3602



56.6808, 0.2627, 0.3167



56.6808, 0.3302, 0.3005



56.6808, 0.3654, 0.3375

Sweetspot

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



56.6832, 0.2940, 0.3602



96.2090, 0.3068, 0.3378



58.4890, 0.3279, 0.3895



20.5261, 0.3063, 0.3386



0.0000, 0.0000, 0.0000



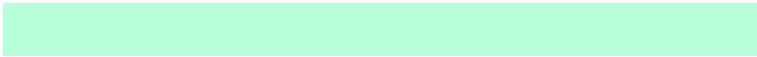
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6832, 0.2940, 0.3602



86.7920, 0.2899, 0.3686



57.7824, 0.2790, 0.3289



13.3035, 0.3049, 0.3409



28.7591, 0.2721, 0.4995



1.6240, 0.2627, 0.4659

Inverse Universe

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



42.5623, 0.3367, 0.2998



60.5047, 0.3440, 0.2926



41.6338, 0.3596, 0.3291



11.9054, 0.3213, 0.3174



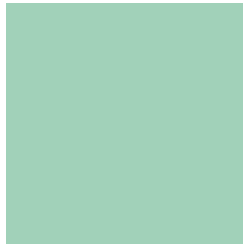
8.9998, 0.4945, 0.2498



0.5192, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 56.6808, 0.2940, 0.3602 looks on a white background.

Color Contrast Check

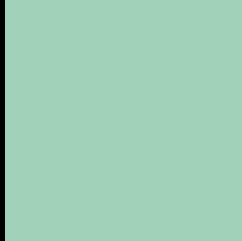
Large Text (above 18pt) WCAG AA × Fail

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 56.6808, 0.2940, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

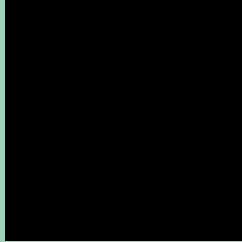
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

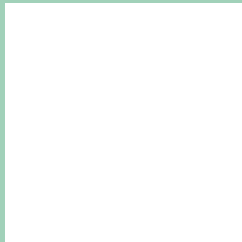
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6808, 0.2940, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 56.6808, 0.2940, 0.3602.



This preview shows how white text looks on a background with the Yxy color 56.6808, 0.2940, 0.3602.

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

56.6808, 0.2940, 0.3602

Protanopia

56.3090, 0.3336, 0.3507

Deuteranopia

56.1514, 0.3384, 0.3314



Tritanopia

56.6779, 0.2763, 0.3092

Trichromacy



Original Color

56.6808, 0.2940, 0.3602

Protanomaly

56.0566, 0.3186, 0.3539

Deuteranomaly

56.1611, 0.3209, 0.3412

Tritanomaly

56.6469, 0.2826, 0.3277

Monochromacy



Original Color

56.6808, 0.2940, 0.3602

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.8860, 0.3059, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6808, 0.2940, 0.3602 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(161, 209, 185)` looks like.

```
.text, #text, p{  
    color:rgb(161, 209, 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(161, 209, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 209, 185) }
```

Border

The CSS property to change the border of an element to Yxy 56.6808, 0.2940, 0.3602 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(161, 209, 185) }
```

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

```
.border{ border-color:rgb(161, 209, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 209, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 209, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 209, 185);  
box-shadow:4px 4px 4px 4px rgb(161, 209,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6808, 0.2940, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 209, 185) }
```

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

```
.background{ background-color: rgb(161,  
209, 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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