

Converting Colors

Yxy(56.3854, 0.2818, 0.3289)

Have a look what the booklet for
Yxy(56.3854, 0.2818, 0.3289)
contains.

Yxy(56.3854, 0.2818, 0.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.3854, 0.2818, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A3CECE
RGB	163, 206, 206
RGB Percent	64%, 81%, 81%
CMY	0.3610, 0.1921, 0.1921
CMYK	0.21, 0.00, 0.00, 0.19
HSL	180°, 31%, 72%
HSV	180°, 21%, 81%
XYZ	48.3108, 56.3854, 66.7402
YIQ	193.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

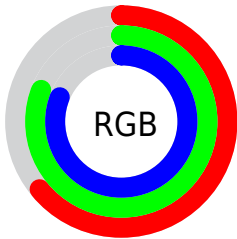
Format	Color
R_{YB}	163, 185, 206
Decimal	10735310
CIE _{Lab}	79.83, -14.04, -4.66
CIE _{LCh}	80, 14.796, 198.370
Yxy	56.3854, 0.2818, 0.3289
Android (android.graphics.Color)	4288925390 (0xFFA3CECE)
YUV	193.1430, 6.3385, -26.4354
Hunter-Lab	75.0902, -16.5664, -0.1338

Details

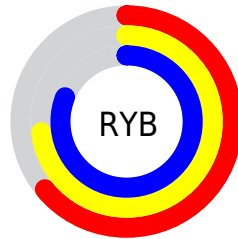
The Yxy color **56.3854, 0.2818, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9478, 0.3543, 0.3291**, and the grayscale version is **53.3872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **28.0385, 0.2736, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **54.3868, 0.2687, 0.3289**, and if you desaturate by 10%, it is **58.7428, 0.2961, 0.3289**.

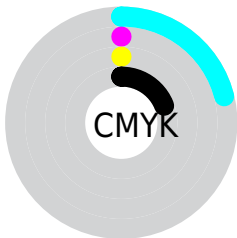
Distribution



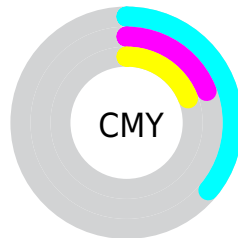
- Red (64%)
- Green (81%)
- Blue (81%)



- Red (64%)
- Yellow (73%)
- Blue (81%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)




- Cyan (36%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3854, 0.2818, 0.3289 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 56.3854, 0.2818, 0.3289 by changing the saturation by 10% instead.


 56.3854, 0.2818,
0.3289

 56.3854, 0.2818,
0.3289


411.1423, 0.2967,
0.3291

 40.5120, 0.2783,
0.3288


 99.5678, 0.2871,
0.3290

 27.9380, 0.2738,
0.3287


 127.6457, 0.2891,
0.3290

 18.2789, 0.2681,
0.3284


160.5605, 0.2908,
0.3291

 11.1504, 0.2603,
0.3280

198.6966, 0.2923,
0.3291

 6.1681, 0.2494,
0.3273

242.4384, 0.2936,
0.3291

 2.9476, 0.2327,
0.3259

292.1704, 0.2947,

 1.1044, 0.2024,

0.3291

348.2769, 0.2957,
0.3291

0.3232

0.0000, 0.0000,
0.0000

56.3854, 0.2818,
0.3289

56.3854, 0.2818,
0.3289

54.3868, 0.2687,
0.3289

58.7428, 0.2961,
0.3289

52.7230, 0.2570,
0.3288

61.4681, 0.3113,
0.3290

51.3777, 0.2470,
0.3288

64.5786, 0.3271,
0.3290

50.3305, 0.2389,
0.3288

68.0884, 0.3432,
0.3291

49.5589, 0.2327,
0.3287

69.8717, 0.3507,
0.3291

■ 49.0368, 0.2283,
0.3287

■ 69.8729, 0.3507,
0.3291

■ 48.7334, 0.2258,
0.3287

■ 69.8741, 0.3507,
0.3291

■ 48.5964, 0.2246,
0.3287

■ 69.8753, 0.3507,
0.3291

■ 69.8765, 0.3507,
0.3291

Harmonies

Analogous

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



56.3854, 0.2960, 0.3466



56.3854, 0.2818, 0.3289



56.3854, 0.2757, 0.3119

Triad

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



56.3854, 0.2818, 0.3289



56.3854, 0.3095, 0.3009



56.3854, 0.3471, 0.3574

Complementary

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



56.3854, 0.2818, 0.3289



41.9478, 0.3543, 0.3291

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.



56.3854, 0.3512, 0.3443



56.3854, 0.2818, 0.3289



56.3854, 0.3291, 0.3122

Square

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



56.3854, 0.2818, 0.3289



56.3854, 0.2914, 0.2964



56.3854, 0.3445, 0.3279



56.3854, 0.3337, 0.3633

Rectangle

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



56.3854, 0.2818, 0.3289



56.3854, 0.2770, 0.3033



56.3854, 0.3445, 0.3279



56.3854, 0.3496, 0.3537

Sweetspot

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



56.3877, 0.2818, 0.3289



97.2116, 0.3034, 0.3290



54.5759, 0.3100, 0.3865



20.7453, 0.3024, 0.3290



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.



56.3877, 0.2818, 0.3289



89.8439, 0.2759, 0.3289



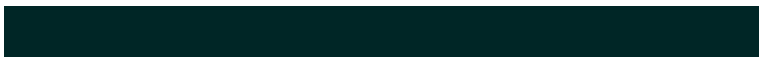
46.7227, 0.2799, 0.3008



12.7268, 0.2984, 0.3290



29.9184, 0.2246, 0.3287



1.5435, 0.2246, 0.3287

Inverse Universe

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



43.7601, 0.3151, 0.2775



65.8503, 0.3157, 0.2666



50.2508, 0.3490, 0.3557



11.4038, 0.3138, 0.3062



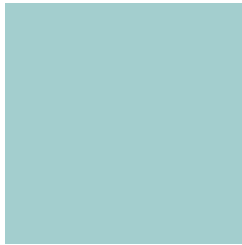
10.8233, 0.3209, 0.1542



0.5584, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 56.3854, 0.2818, 0.3289 looks on a white background.

Color Contrast Check

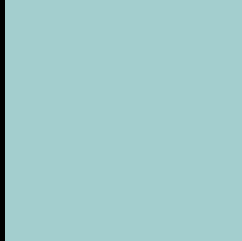
Large Text (above 18pt) WCAG AA × Fail

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 56.3854, 0.2818, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

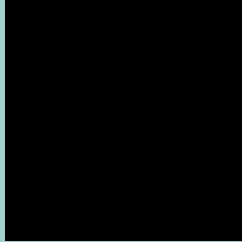
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

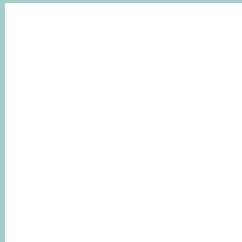
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3854, 0.2818, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 56.3854, 0.2818, 0.3289.

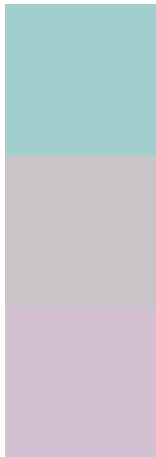


This preview shows how white text looks on a background with the Yxy color 56.3854, 0.2818, 0.3289.

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

56.3854, 0.2818, 0.3289

Protanopia

55.9293, 0.3129, 0.3242

Deuteranopia

56.1516, 0.3152, 0.3093



Tritanopia

56.4600, 0.2750, 0.3091

Trichromacy



Original Color

56.3854, 0.2818, 0.3289

Protanomaly

56.1376, 0.3013, 0.3265

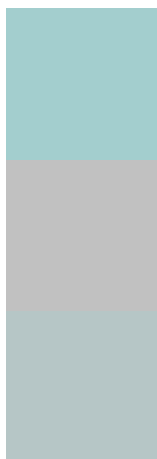
Deuteranomaly

55.9559, 0.3025, 0.3158

Tritanomaly

56.5683, 0.2775, 0.3164

Monochromacy



Original Color

56.3854, 0.2818, 0.3289

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.4105, 0.3004, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3854, 0.2818, 0.3289 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(163, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(163, 206, 206)  
}
```

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(163, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 206, 206) }
```

Border

The CSS property to change the border of an element to Yxy 56.3854, 0.2818, 0.3289 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(163, 206, 206) }
```

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

```
.border{ border-color:rgb(163, 206, 206) }
```

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

Here you see how a box with a 4 pixel rgb(163, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(163, 206,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3854, 0.2818, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 206, 206) }
```

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

```
.background{ background-color: rgb(163,  
206, 206) }
```

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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