

Converting Colors

$Y_{xy}(56.0882, 0.2935, 0.3540)$

Have a look what the booklet for
Yxy(56.0882, 0.2935, 0.3540)
contains.

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Color

Yxy(56.0430, 0.2934, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	A3CFBC
RGB	163, 207, 188
RGB Percent	64%, 81%, 74%
CMY	0.3606, 0.1883, 0.2627
CMYK	0.21, 0.00, 0.09, 0.19
HSL	154°, 31%, 73%
HSV	154°, 21%, 81%
XYZ	46.5017, 56.0430, 55.9479
YIQ	191.6780, -20.1250, -15.2370

Conversions

Conversions Part 2

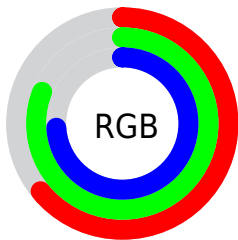
Format	Color
RYB	163, 191, 207
Decimal	10735548
CIELab	79.64, -18.25, 4.70
CIElCh	80, 18.845, 165.549
Yxy	56.0430, 0.2934, 0.3536
Android (android.graphics.Color)	4288925628 (0xFFA3CFBC)
YUV	191.6780, -1.8133, -25.1506
Hunter-Lab	74.8619, -20.1299, 8.0930

Details

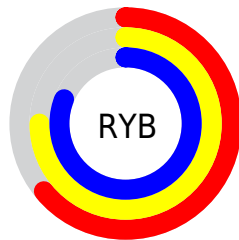
The Yxy color **56.0430, 0.2934, 0.3536** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8543, 0.3373, 0.3057**, and the grayscale version is **52.5406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9571, 0.2965, 0.3402**, and **27.8467, 0.2876, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **53.6616, 0.2851, 0.3671**, and if you desaturate by 10%, it is **58.8106, 0.3023, 0.3413**.

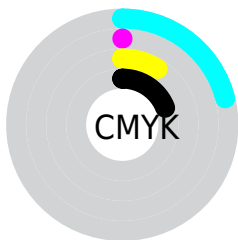
Distribution



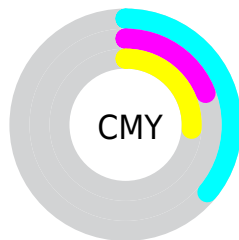
- Red (64%)
- Green (81%)
- Blue (74%)



- Red (64%)
- Yellow (75%)
- Blue (81%)



- Cyan (21%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)




- Cyan (36%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0430, 0.2934, 0.3536 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 56.0430, 0.2934, 0.3536 by changing the saturation by 10% instead.

 56.0430, 0.2934,
0.3536


 56.0430, 0.2934,
0.3536


409.8535, 0.3029,
0.3415

 40.2374, 0.2911,
0.3566

 99.0674, 0.2968,
0.3492

 27.7237, 0.2882,
0.3604


 127.0551, 0.2981,
0.3476

 18.1175, 0.2843,
0.3654


159.8722, 0.2992,
0.3462

 11.0344, 0.2791,
0.3723

197.9031, 0.3001,
0.3450

 6.0900, 0.2714,
0.3824

241.5324, 0.3009,
0.3439

 2.8999, 0.2593,
0.3987

291.1442, 0.3017,

 1.0797, 0.2292,

0.3430

347.1232, 0.3023,
0.3422

0.4351

0.0000, 0.0000,
0.0000

56.0430, 0.2934,
0.3536

56.0430, 0.2934,
0.3536

53.6616, 0.2851,
0.3671

58.8106, 0.3023,
0.3413

51.6416, 0.2776,
0.3817

61.9741, 0.3116,
0.3303

49.9661, 0.2714,
0.3974

65.5513, 0.3209,
0.3204

48.6139, 0.2667,
0.4138

69.5570, 0.3302,
0.3117

47.5616, 0.2637,
0.4307

71.7497, 0.3306,
0.3033

■ 46.7823, 0.2628,
0.4476

■ 72.2730, 0.3242,
0.2946

■ 46.2440, 0.2639,
0.4642

■ 72.8225, 0.3179,
0.2862

■ 45.9205, 0.2662,
0.4783

■ 73.1026, 0.3149,
0.2821

Harmonies

Analogous

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



56.0430, 0.3177, 0.3692



56.0430, 0.2934, 0.3536



56.0430, 0.2747, 0.3309

Triad

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



56.0430, 0.2934, 0.3536



56.0430, 0.2837, 0.2877



56.0430, 0.3617, 0.3462

Complementary

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



56.0430, 0.2934, 0.3536



42.8543, 0.3373, 0.3057

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.



56.0430, 0.3519, 0.3254



56.0430, 0.2934, 0.3536



56.0430, 0.3062, 0.2925

Square

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



56.0430, 0.2934, 0.3536



56.0430, 0.2693, 0.2932



56.0430, 0.3313, 0.3061



56.0430, 0.3577, 0.3637

Rectangle

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



56.0430, 0.2934, 0.3536



56.0430, 0.2677, 0.3156



56.0430, 0.3313, 0.3061



56.0430, 0.3599, 0.3394

Sweetspot

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



56.0453, 0.2934, 0.3536



96.7944, 0.3071, 0.3355



57.2247, 0.3245, 0.3850



20.6464, 0.3065, 0.3362



0.0000, 0.0000, 0.0000



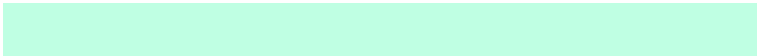
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0453, 0.2934, 0.3536



88.2004, 0.2899, 0.3590



55.5123, 0.2811, 0.3252



13.3172, 0.3040, 0.3392



28.9533, 0.2656, 0.4761



1.6346, 0.2573, 0.4463

Inverse Universe

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



42.8543, 0.3373, 0.3057



63.7341, 0.3432, 0.3010



43.1745, 0.3544, 0.3328



11.8918, 0.3224, 0.3190



8.8349, 0.5230, 0.2655



0.5098, 0.4768, 0.2400

Previews

White Background



This preview shows how the Yxy color 56.0430, 0.2934, 0.3536 looks on a white background.

Color Contrast Check

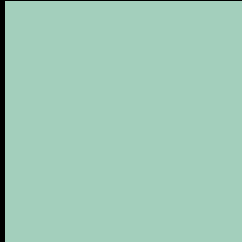
Large Text (above 18pt) WCAG AA × Fail

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 56.0430, 0.2934, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

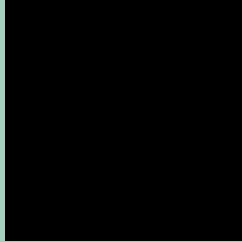
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

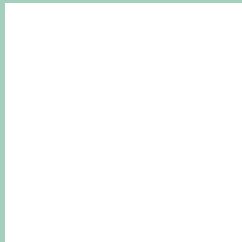
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0430, 0.2934, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 56.0430, 0.2934, 0.3536.

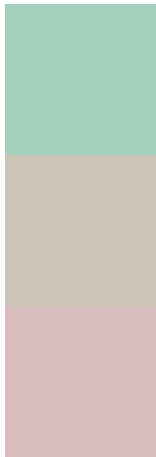


This preview shows how white text looks on a background with the Yxy color 56.0430, 0.2934, 0.3536.

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

56.0430, 0.2934, 0.3536

Protanopia

55.6946, 0.3297, 0.3460

Deuteranopia

55.4939, 0.3352, 0.3279



Tritanopia

56.2614, 0.2775, 0.3092

Trichromacy



Original Color

56.0430, 0.2934, 0.3536

Protanomaly

55.5881, 0.3157, 0.3489

Deuteranomaly

55.2033, 0.3188, 0.3363

Tritanomaly

55.9553, 0.2831, 0.3239

Monochromacy



Original Color

56.0430, 0.2934, 0.3536

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5178, 0.3045, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0430, 0.2934, 0.3536 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, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(163, 207, 188)  
}
```

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, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 207, 188) }
```

Border

The CSS property to change the border of an element to Yxy 56.0430, 0.2934, 0.3536 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, 207, 188) }
```

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

```
.border{ border-color:rgb(163, 207, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 207, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 207, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 207, 188); box-shadow:4px 4px 4px 4px rgb(163, 207, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0430, 0.2934, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 207, 188) }
```

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

```
.background{ background-color: rgb(163,  
207, 188) }
```

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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