

Converting Colors

Yxy(54.9124, 0.2965, 0.3574)

Have a look what the booklet for
Yxy(54.9124, 0.2965, 0.3574)
contains.

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Color

Yxy(54.8681, 0.2966, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	A3CDB7
RGB	163, 205, 183
RGB Percent	64%, 80%, 72%
CMY	0.3608, 0.1961, 0.2823
CMYK	0.20, 0.00, 0.11, 0.20
HSL	149°, 30%, 72%
HSV	149°, 20%, 80%
XYZ	45.4832, 54.8681, 52.9972
YIQ	189.9340, -17.9700, -15.7460

Conversions

Conversions Part 2

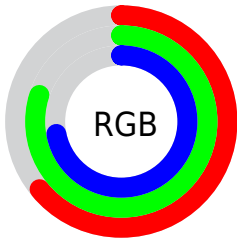
Format	Color
RYB	163, 191, 205
Decimal	10735031
CIELab	78.97, -18.25, 6.41
CIELCh	79, 19.338, 160.644
Yxy	54.8681, 0.2966, 0.3578
Android (android.graphics.Color)	4288925111 (0xFFFA3CDB7)
YUV	189.9340, -3.4185, -23.6211
Hunter-Lab	74.0730, -20.0231, 9.4307

Details

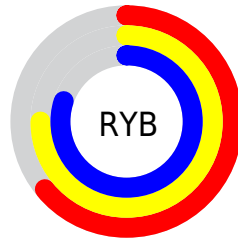
The Yxy color **54.8681, 0.2966, 0.3578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6765, 0.3327, 0.3019**, and the grayscale version is **51.4817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6574, 0.2992, 0.3454**, and **27.1244, 0.2926, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **52.4488, 0.2893, 0.3742**, and if you desaturate by 10%, it is **57.6769, 0.3044, 0.3429**.

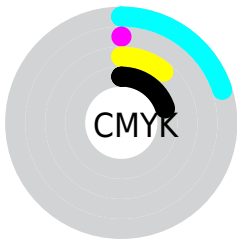
Distribution



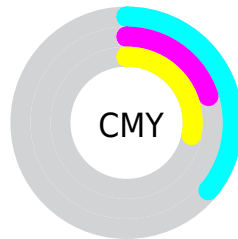
- Red (64%)
- Green (80%)
- Blue (72%)



- Red (64%)
- Yellow (75%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)




- Cyan (36%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8681, 0.2966, 0.3578 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 54.8681, 0.2966, 0.3578 by changing the saturation by 10% instead.


 54.8681, 0.2966,
0.3578

 54.8681, 0.2966,
0.3578


405.4117, 0.3046,
0.3435

 39.2961, 0.2946,
0.3613

 97.3477, 0.2995,
0.3526

 26.9902, 0.2921,
0.3659


 125.0241, 0.3006,
0.3507

 17.5658, 0.2888,
0.3719


157.5041, 0.3015,
0.3490

 10.6387, 0.2842,
0.3802

195.1720, 0.3023,
0.3476

 5.8245, 0.2774,
0.3926

238.4124, 0.3030,
0.3464

 2.7386, 0.2664,
0.4128

287.6095, 0.3036,

 0.9969, 0.2341,

0.3453

0.4686

343.1479, 0.3041,
0.3443

0.0000, 0.0000,
0.0000

54.8681, 0.2966,
0.3578

54.8681, 0.2966,
0.3578

52.4488, 0.2893,
0.3742

57.6769, 0.3044,
0.3429

50.3944, 0.2828,
0.3921

60.8847, 0.3123,
0.3296

48.6882, 0.2773,
0.4113


64.5093, 0.3203,
0.3178

47.3094, 0.2732,
0.4314


68.5655, 0.3282,
0.3074

46.2348, 0.2709,
0.4520


71.0205, 0.3280,
0.2974

 45.4380, 0.2705,
0.4724

 71.6658, 0.3203,
0.2872

 44.8880, 0.2720,
0.4922

 72.1446, 0.3150,
0.2801

 44.5400, 0.2750,
0.5098

Harmonies

Analogous

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



54.8681, 0.3221, 0.3722



54.8681, 0.2966, 0.3578



54.8681, 0.2760, 0.3349

Triad

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



54.8681, 0.2966, 0.3578



54.8681, 0.2796, 0.2866



54.8681, 0.3627, 0.3433

Complementary

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



54.8681, 0.2966, 0.3578



42.6765, 0.3327, 0.3019

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.



54.8681, 0.3504, 0.3217



54.8681, 0.2966, 0.3578



54.8681, 0.3018, 0.2899

Square

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



54.8681, 0.2966, 0.3578



54.8681, 0.2665, 0.2940



54.8681, 0.3278, 0.3026



54.8681, 0.3608, 0.3624

Rectangle

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



54.8681, 0.2966, 0.3578



54.8681, 0.2675, 0.3188



54.8681, 0.3278, 0.3026



54.8681, 0.3601, 0.3361

Sweetspot

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



54.8704, 0.2966, 0.3578



96.7075, 0.3079, 0.3369



56.6733, 0.3275, 0.3823



20.6259, 0.3073, 0.3378



0.0000, 0.0000, 0.0000



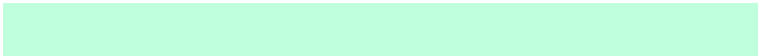
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8704, 0.2966, 0.3578



87.8823, 0.2930, 0.3655



55.7918, 0.2833, 0.3307



12.6245, 0.3052, 0.3414



27.7455, 0.2742, 0.5072



1.4467, 0.2639, 0.4702

Inverse Universe

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



42.6765, 0.3327, 0.3019



64.0469, 0.3386, 0.2952



41.8688, 0.3519, 0.3274



11.3102, 0.3209, 0.3169



8.7647, 0.4843, 0.2442



0.4674, 0.4439, 0.2219

Previews

White Background



This preview shows how the Yxy color 54.8681, 0.2966, 0.3578 looks on a white background.

Color Contrast Check

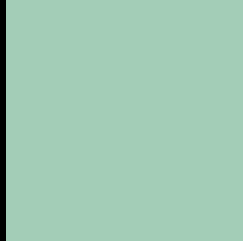
Large Text (above 18pt) WCAG AA × Fail

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 54.8681, 0.2966, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

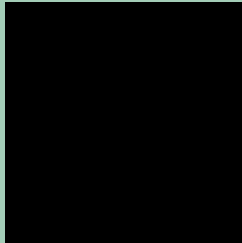
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

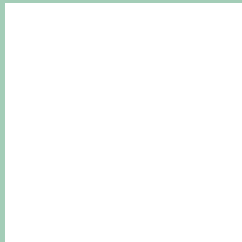
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8681, 0.2966, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 54.8681, 0.2966, 0.3578.



This preview shows how white text looks on a background with the Yxy color 54.8681, 0.2966, 0.3578.

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

54.8681, 0.2966, 0.3578

Protanopia

54.4544, 0.3331, 0.3498

Deuteranopia

54.2633, 0.3387, 0.3314



Tritanopia

54.7014, 0.2791, 0.3090

Trichromacy



Original Color

54.8681, 0.2966, 0.3578

Protanomaly

54.3342, 0.3187, 0.3529

Deuteranomaly

53.9567, 0.3219, 0.3401

Tritanomaly

54.8162, 0.2855, 0.3264

Monochromacy



Original Color

54.8681, 0.2966, 0.3578

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3214, 0.3067, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8681, 0.2966, 0.3578 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, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(163, 205, 183)  
}
```

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, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 205, 183) }
```

Border

The CSS property to change the border of an element to Yxy 54.8681, 0.2966, 0.3578 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, 205, 183) }
```

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

```
.border{ border-color:rgb(163, 205, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 205, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 205, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 205, 183);  
box-shadow:4px 4px 4px 4px rgb(163, 205,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8681, 0.2966, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 205, 183) }
```

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

```
.background{ background-color: rgb(163,  
205, 183) }
```

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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