

Converting Colors

$Yxy(53.9585, 0.2813, 0.3642)$

Have a look what the booklet for
Yxy(53.9585, 0.2813, 0.3642)
contains.

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Color

Yxy(53.9781, 0.2812, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	8BD0B6
RGB	139, 208, 182
RGB Percent	55%, 82%, 71%
CMY	0.4550, 0.1843, 0.2864
CMYK	0.33, 0.00, 0.13, 0.18
HSL	157°, 42%, 68%
HSV	157°, 33%, 82%
XYZ	41.6424, 53.9781, 52.4676
YIQ	184.4050, -32.7780, -22.7140

Conversions

Conversions Part 2

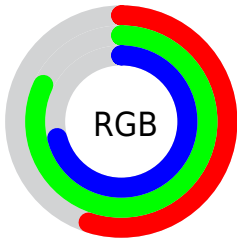
Format	Color
RYB	139, 182, 208
Decimal	9162934
CIELab	78.45, -27.35, 6.05
CIELCh	78, 28.014, 167.538
Yxy	53.9781, 0.2812, 0.3645
Android (android.graphics.Color)	4287353014 (0xFF8BD0B6)
YUV	184.4050, -1.1857, -39.8202
Hunter-Lab	73.4698, -27.3991, 9.0876

Details

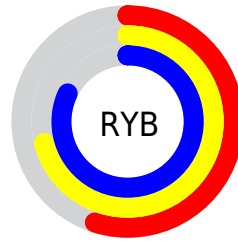
The Yxy color **53.9781, 0.2812, 0.3645** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.5882, 0.3603, 0.2964**, and the grayscale version is **48.1867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1624, 0.2859, 0.3472**, and **26.3459, 0.2727, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **52.0419, 0.2734, 0.3773**, and if you desaturate by 10%, it is **56.2776, 0.2900, 0.3526**.

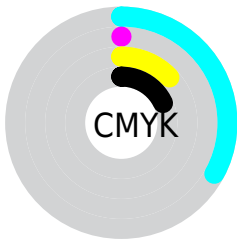
Distribution



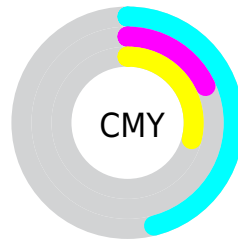
- Red (55%)
- Green (82%)
- Blue (71%)



- Red (55%)
- Yellow (71%)
- Blue (82%)



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





- Cyan (46%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9781, 0.2812, 0.3645 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 53.9781, 0.2812, 0.3645 by changing the saturation by 10% instead.


 53.9781, 0.2812,
0.3645


 53.9781, 0.2812,
0.3645


402.0265, 0.2967,
0.3468


 38.5842, 0.2774,
0.3689


 96.0421, 0.2868,
0.3581

 26.4364, 0.2725,
0.3746


 123.4809, 0.2889,
0.3557

 17.1504, 0.2661,
0.3821


 155.7035, 0.2907,
0.3536

 10.3418, 0.2573,
0.3926

193.0942, 0.2923,
0.3519

 5.6261, 0.2444,
0.4082

236.0375, 0.2936,
0.3503

 2.6191, 0.2239,
0.4338

284.9177, 0.2948,

 0.9363, 0.1262,

0.3490

0.5340

340.1192, 0.2958,
0.3478

0.0000, 0.0000,
0.0000

53.9781, 0.2812,
0.3645

53.9781, 0.2812,
0.3645

52.0419, 0.2734,
0.3773

56.2776, 0.2900,
0.3526

50.4425, 0.2669,
0.3910

58.9517, 0.2995,
0.3417

49.1607, 0.2621,
0.4052


62.0198, 0.3095,
0.3319

48.1722, 0.2591,
0.4198


65.4974, 0.3196,
0.3231

47.4492, 0.2581,
0.4345


69.3997, 0.3298,
0.3153

 46.9580, 0.2592,
0.4490

 72.0360, 0.3332,
0.3079

 46.7166, 0.2607,
0.4586

 72.4843, 0.3275,
0.3003

 72.9526, 0.3220,
0.2927

 73.4413, 0.3165,
0.2854

Harmonies

Analogous

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



53.9781, 0.3170, 0.3899



53.9781, 0.2812, 0.3645



53.9781, 0.2549, 0.3287

Triad

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



53.9781, 0.2812, 0.3645



53.9781, 0.2711, 0.2682



53.9781, 0.3871, 0.3554

Complementary

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



53.9781, 0.2812, 0.3645



34.5882, 0.3603, 0.2964

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.



53.9781, 0.3736, 0.3249



53.9781, 0.2812, 0.3645



53.9781, 0.3049, 0.2765

Square

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



53.9781, 0.2812, 0.3645



53.9781, 0.2494, 0.2745



53.9781, 0.3428, 0.2967



53.9781, 0.3791, 0.3816

Rectangle

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



53.9781, 0.2812, 0.3645



53.9781, 0.2455, 0.3057



53.9781, 0.3428, 0.2967



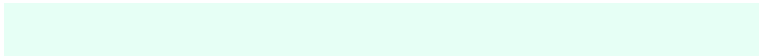
53.9781, 0.3849, 0.3453

Sweetspot

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



53.9803, 0.2812, 0.3645



94.8764, 0.3026, 0.3386



55.0268, 0.3278, 0.4212



20.1646, 0.3012, 0.3401



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.



53.9803, 0.2812, 0.3645



83.2779, 0.2754, 0.3738



51.3302, 0.2645, 0.3181



13.3283, 0.3033, 0.3379



29.1327, 0.2602, 0.4566



1.6441, 0.2529, 0.4304

Inverse Universe

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



34.5882, 0.3603, 0.2964



47.8245, 0.3753, 0.2891



36.1531, 0.3861, 0.3395



11.8809, 0.3232, 0.3203



8.7219, 0.5454, 0.2778



0.5029, 0.4954, 0.2503

Previews

White Background



This preview shows how the Yxy color 53.9781, 0.2812, 0.3645 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 53.9781, 0.2812, 0.3645 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

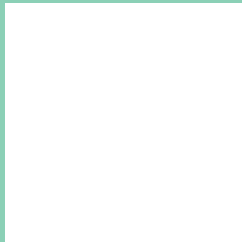
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9781, 0.2812, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 53.9781, 0.2812, 0.3645.

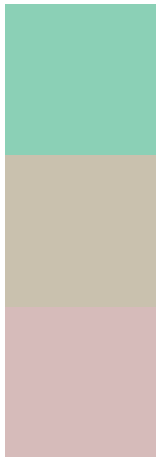


This preview shows how white text looks on a background with the Yxy color 53.9781, 0.2812, 0.3645.

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

53.9781, 0.2812, 0.3645

Protanopia

53.6134, 0.3339, 0.3524

Deuteranopia

53.3820, 0.3363, 0.3303



Tritanopia

54.0294, 0.2635, 0.3084

Trichromacy



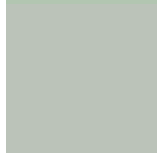
Original Color

53.9781, 0.2812, 0.3645



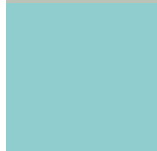
Protanomaly

53.0275, 0.3122, 0.3561



Deuteranomaly

53.0978, 0.3137, 0.3416



Tritanomaly

54.0482, 0.2695, 0.3276

Monochromacy



Original Color

53.9781, 0.2812, 0.3645



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.8837, 0.3002, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9781, 0.2812, 0.3645 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, 208, 182)` looks like.

```
.text, #text, p{  
    color:rgb(139, 208, 182)  
}
```

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, 208, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 208, 182) }
```

Border

The CSS property to change the border of an element to Yxy 53.9781, 0.2812, 0.3645 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, 208, 182) }
```

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

```
.border{ border-color:rgb(139, 208, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 208, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 208, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 208, 182);  
box-shadow:4px 4px 4px 4px rgb(139, 208,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9781, 0.2812, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 208, 182) }
```

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

```
.background{ background-color: rgb(139,  
208, 182) }
```

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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