

Converting Colors

$Yxy(53.8011, 0.2821, 0.3659)$

Have a look what the booklet for
Yxy(53.8011, 0.2821, 0.3659)
contains.

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Color

Yxy(53.9369, 0.2818, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	8BD0B5
RGB	139, 208, 181
RGB Percent	55%, 82%, 71%
CMY	0.4550, 0.1843, 0.2902
CMYK	0.33, 0.00, 0.13, 0.18
HSL	157°, 42%, 68%
HSV	157°, 33%, 82%
XYZ	41.5398, 53.9369, 51.9321
YIQ	184.2910, -32.4570, -23.0250

Conversions

Conversions Part 2

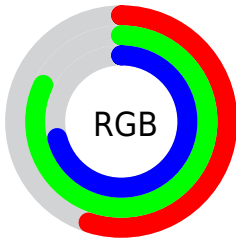
Format	Color
RYB	139, 182, 208
Decimal	9162933
CIELab	78.42, -27.56, 6.54
CIELCh	78, 28.327, 166.654
Yxy	53.9369, 0.2818, 0.3659
Android (android.graphics.Color)	4287353013 (0xFF8BD0B5)
YUV	184.2910, -1.6225, -39.7202
Hunter-Lab	73.4417, -27.5606, 9.4841

Details

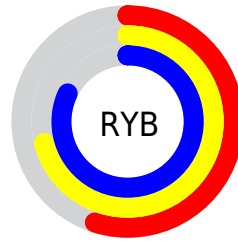
The Yxy color **53.9369, 0.2818, 0.3659** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.6226, 0.3592, 0.2952**, and the grayscale version is **48.1225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1038, 0.2865, 0.3483**, and **26.3194, 0.2735, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **51.9915, 0.2741, 0.3793**, and if you desaturate by 10%, it is **56.2469, 0.2905, 0.3535**.

Distribution



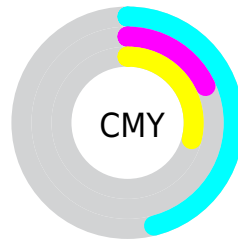
- Red (55%)
- Green (82%)
- Blue (71%)



- 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 53.9369, 0.2818, 0.3659 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 53.9369, 0.2818, 0.3659 by changing the saturation by 10% instead.


 53.9369, 0.2818,
0.3659

 53.9369, 0.2818,
0.3659


401.8693, 0.2971,
0.3475


 38.5512, 0.2780,
0.3705


 95.9816, 0.2873,
0.3592

 26.4108, 0.2733,
0.3764


 123.4094, 0.2894,
0.3567

 17.1312, 0.2669,
0.3843


 155.6200, 0.2912,
0.3546

 10.3281, 0.2582,
0.3953

192.9979, 0.2927,
0.3527

 5.6170, 0.2454,
0.4116

235.9273, 0.2940,
0.3512

 2.6136, 0.2250,
0.4385

284.7928, 0.2951,

 0.9335, 0.1253,

0.3498

0.5473

339.9787, 0.2962,
0.3485

0.0000, 0.0000,
0.0000

53.9369, 0.2818,
0.3659

53.9369, 0.2818,
0.3659

51.9915, 0.2741,
0.3793

56.2469, 0.2905,
0.3535

50.3844, 0.2678,
0.3935

58.9329, 0.2998,
0.3422

49.0960, 0.2631,
0.4083


62.0143, 0.3096,
0.3320

48.1022, 0.2602,
0.4235


65.5067, 0.3195,
0.3229

47.3751, 0.2594,
0.4388

69.4253, 0.3294,
0.3148

 46.8810, 0.2605,
0.4538

 72.0804, 0.3326,
0.3071

 46.6382, 0.2622,
0.4638

 72.5481, 0.3267,
0.2992

 73.0375, 0.3210,
0.2914

 73.5488, 0.3154,
0.2838

Harmonies

Analogous

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



53.9369, 0.3181, 0.3911



53.9369, 0.2818, 0.3659



53.9369, 0.2548, 0.3297

Triad

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



53.9369, 0.2818, 0.3659



53.9369, 0.2698, 0.2675



53.9369, 0.3878, 0.3547

Complementary

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



53.9369, 0.2818, 0.3659



34.6226, 0.3592, 0.2952

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.



53.9369, 0.3736, 0.3239



53.9369, 0.2818, 0.3659



53.9369, 0.3037, 0.2755

Square

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



53.9369, 0.2818, 0.3659



53.9369, 0.2483, 0.2743



53.9369, 0.3421, 0.2957



53.9369, 0.3804, 0.3815

Rectangle

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



53.9369, 0.2818, 0.3659



53.9369, 0.2450, 0.3063



53.9369, 0.3421, 0.2957



53.9369, 0.3855, 0.3446

Sweetspot

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



53.9391, 0.2818, 0.3659



94.8542, 0.3028, 0.3390



55.1506, 0.3287, 0.4210



20.1592, 0.3014, 0.3405



0.0000, 0.0000, 0.0000



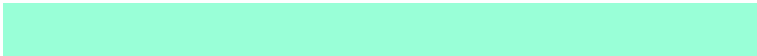
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9391, 0.2818, 0.3659



83.2027, 0.2761, 0.3755



51.8642, 0.2647, 0.3197



13.3254, 0.3034, 0.3383



29.0841, 0.2616, 0.4617



1.6415, 0.2540, 0.4345

Inverse Universe

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



34.6226, 0.3592, 0.2952



47.8892, 0.3738, 0.2876



35.7954, 0.3865, 0.3380



11.8838, 0.3230, 0.3199



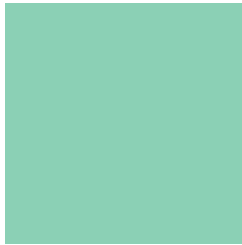
8.7496, 0.5396, 0.2746



0.5046, 0.4905, 0.2476

Previews

White Background



This preview shows how the Yxy color 53.9369, 0.2818, 0.3659 looks on a white background.

Color Contrast Check

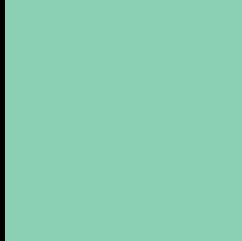
Large Text (above 18pt) WCAG AA × Fail

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 53.9369, 0.2818, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

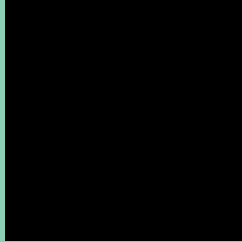
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

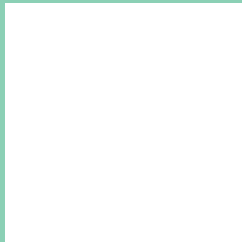
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9369, 0.2818, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 53.9369, 0.2818, 0.3659.



This preview shows how white text looks on a background with the Yxy color 53.9369, 0.2818, 0.3659.

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

53.9369, 0.2818, 0.3659

Protanopia

53.5746, 0.3347, 0.3537

Deuteranopia

53.4905, 0.3380, 0.3314



Tritanopia

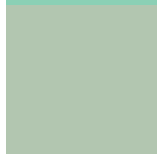
54.0294, 0.2635, 0.3084

Trichromacy



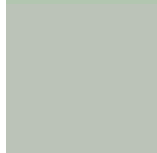
Original Color

53.9369, 0.2818, 0.3659



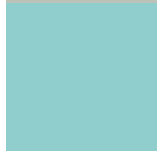
Protanomaly

52.9877, 0.3130, 0.3575



Deuteranomaly

53.0557, 0.3145, 0.3429



Tritanomaly

53.9997, 0.2701, 0.3289

Monochromacy



Original Color

53.9369, 0.2818, 0.3659



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 53.9369, 0.2818, 0.3659 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(139, 208, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 208, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.9369, 0.2818, 0.3659 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, 181) }
```

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

```
.border{ border-color:rgb(139, 208, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(139, 208,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9369, 0.2818, 0.3659 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, 181) }
```

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

```
.background{ background-color: rgb(139,  
208, 181) }
```

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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