

Converting Colors

$Yxy(59.2054, 0.2784, 0.3673)$

Have a look what the booklet for
Yxy(59.2054, 0.2784, 0.3673)
contains.

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Color

Yxy(59.3059, 0.2782, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	8BDABD
RGB	139, 218, 189
RGB Percent	55%, 85%, 74%
CMY	0.4547, 0.1451, 0.2589
CMYK	0.36, 0.00, 0.13, 0.15
HSL	158°, 52%, 70%
HSV	158°, 36%, 85%
XYZ	44.9072, 59.3059, 57.2074
YIQ	191.0730, -37.7750, -25.7670

Conversions

Conversions Part 2

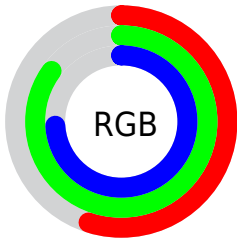
Format	Color
RYB	139, 187, 218
Decimal	9165501
CIELab	81.46, -30.65, 6.65
CIELCh	81, 31.367, 167.761
Yxy	59.3059, 0.2782, 0.3674
Android (android.graphics.Color)	4287355581 (0xFF8BDABD)
YUV	191.0730, -1.0220, -45.6680
Hunter-Lab	77.0103, -30.6790, 9.8634

Details

The Yxy color **59.3059, 0.2782, 0.3674** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.2143, 0.3673, 0.2941**, and the grayscale version is **52.1732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7147, 0.2829, 0.3395**, and **29.9033, 0.2690, 0.3779** is the 20% darker color. If you saturate the color by 10%, you get **57.2759, 0.2707, 0.3802**, and if you desaturate by 10%, it is **61.7342, 0.2869, 0.3555**.

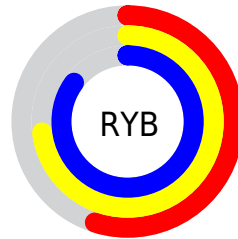
Distribution



Red (55%)

Green (85%)

Blue (74%)



Red (55%)

Yellow (73%)

Blue (85%)

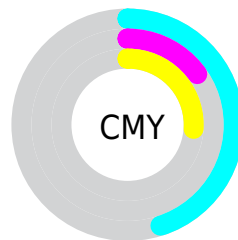


Cyan (36%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (45%)


Magenta (15%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3059, 0.2782, 0.3674 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 59.3059, 0.2782, 0.3674 by changing the saturation by 10% instead.

 59.3059, 0.2782,
0.3674


 59.3059, 0.2782,
0.3674

422.0346, 0.2950,
0.3485


 42.8594, 0.2742,
0.3720


 103.8221, 0.2842,
0.3606

 29.7748, 0.2691,
0.3779

 132.6607, 0.2865,
0.3580

 19.6677, 0.2624,
0.3857

 166.3987, 0.2884,
0.3558

 12.1538, 0.2534,
0.3963

205.4205, 0.2901,
0.3540

 6.8485, 0.2405,
0.4118

250.1107, 0.2915,
0.3523

 3.3675, 0.2206,
0.4364

300.8535, 0.2928,

 1.3265, 0.1694,

0.3509

0.4912

358.0333, 0.2939,
0.3496

0.1616, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.3059, 0.2782,
0.3674

59.3059, 0.2782,
0.3674

57.2759, 0.2707,
0.3802

61.7342, 0.2869,
0.3555

55.6142, 0.2646,
0.3937

64.5743, 0.2963,
0.3446

54.2982, 0.2602,
0.4077

67.8480, 0.3063,
0.3347

53.2997, 0.2578,
0.4220

71.5732, 0.3166,
0.3257

■ 52.5857, 0.2574,
0.4363

■ 75.7672, 0.3270,
0.3178

■ 52.1151, 0.2590,
0.4504

■ 77.5204, 0.3265,
0.3101

■ 51.9730, 0.2599,
0.4556

■ 77.9996, 0.3210,
0.3024

■ 78.5000, 0.3157,
0.2948

■ 78.6223, 0.3144,
0.2930

Harmonies

Analogous

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



59.3059, 0.3168, 0.3953



59.3059, 0.2782, 0.3674



59.3059, 0.2500, 0.3281

Triad

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



59.3059, 0.2782, 0.3674



59.3059, 0.2679, 0.2635



59.3059, 0.3935, 0.3574

Complementary

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



59.3059, 0.2782, 0.3674



36.2143, 0.3673, 0.2941

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.



59.3059, 0.3791, 0.3245



59.3059, 0.2782, 0.3674



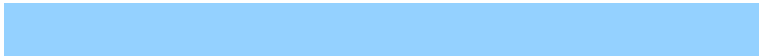
59.3059, 0.3044, 0.2725

Square

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



59.3059, 0.2782, 0.3674



59.3059, 0.2445, 0.2698



59.3059, 0.3456, 0.2943



59.3059, 0.3845, 0.3859

Rectangle

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



59.3059, 0.2782, 0.3674



59.3059, 0.2401, 0.3032



59.3059, 0.3456, 0.2943



59.3059, 0.3913, 0.3466

Sweetspot

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



59.3083, 0.2782, 0.3674



94.4162, 0.3014, 0.3394



60.4774, 0.3290, 0.4310



20.0733, 0.3000, 0.3407



0.0000, 0.0000, 0.0000



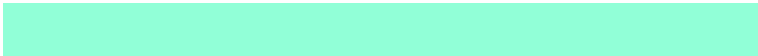
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3083, 0.2782, 0.3674



82.4618, 0.2727, 0.3765



56.0520, 0.2605, 0.3170



14.7441, 0.3031, 0.3377



31.1589, 0.2593, 0.4535



2.0350, 0.2530, 0.4308

Inverse Universe

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



36.2143, 0.3673, 0.2941



45.1488, 0.3832, 0.2872



38.0318, 0.3958, 0.3405



13.1303, 0.3234, 0.3204



9.2973, 0.5497, 0.2802



0.6186, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 59.3059, 0.2782, 0.3674 looks on a white background.

Color Contrast Check

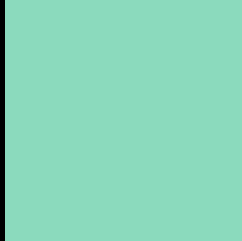
Large Text (above 18pt) WCAG AA × Fail

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 59.3059, 0.2782, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

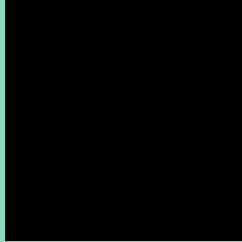
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

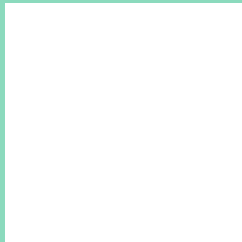
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3059, 0.2782, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 59.3059, 0.2782, 0.3674.

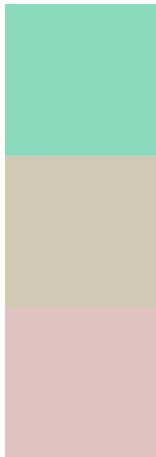


This preview shows how white text looks on a background with the Yxy color 59.3059, 0.2782, 0.3674.

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

59.3059, 0.2782, 0.3674

Protanopia

58.7702, 0.3354, 0.3539

Deuteranopia

58.7725, 0.3371, 0.3302



Tritanopia

59.0400, 0.2601, 0.3078

Trichromacy



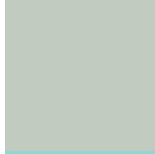
Original Color

59.3059, 0.2782, 0.3674



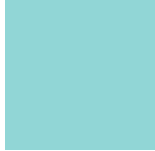
Protanomaly

58.2349, 0.3121, 0.3590



Deuteranomaly

57.8551, 0.3129, 0.3424



Tritanomaly

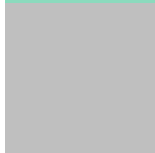
58.9679, 0.2669, 0.3289

Monochromacy



Original Color

59.3059, 0.2782, 0.3674



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.2616, 0.2984, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3059, 0.2782, 0.3674 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, 218, 189)` looks like.

```
.text, #text, p{  
    color:rgb(139, 218, 189)  
}
```

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, 218, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 218, 189) }
```

Border

The CSS property to change the border of an element to Yxy 59.3059, 0.2782, 0.3674 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, 218, 189) }
```

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

```
.border{ border-color:rgb(139, 218, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 218, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(139, 218,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3059, 0.2782, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 218, 189) }
```

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

```
.background{ background-color: rgb(139,  
218, 189) }
```

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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