

Converting Colors

$Yxy(58.9280, 0.2786, 0.3523)$

Have a look what the booklet for
Yxy(58.9280, 0.2786, 0.3523)
contains.

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Color

Yxy(58.9280, 0.2786, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	94D7C5
RGB	148, 215, 197
RGB Percent	58%, 84%, 77%
CMY	0.4193, 0.1569, 0.2275
CMYK	0.31, 0.00, 0.08, 0.16
HSL	164°, 46%, 71%
HSV	164°, 31%, 84%
XYZ	46.6005, 58.9280, 61.7381
YIQ	192.9150, -34.1540, -19.8020

Conversions

Conversions Part 2

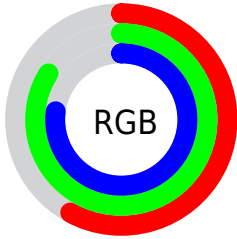
Format	Color
RYB	148, 187, 215
Decimal	9754565
CIELab	81.25, -24.93, 2.14
CIELCh	81, 25.017, 175.095
Yxy	58.9280, 0.2786, 0.3523
Android (android.graphics.Color)	4287944645 (0xFF94D7C5)
YUV	192.9150, 2.0139, -39.3905
Hunter-Lab	76.7646, -25.9784, 6.0511

Details

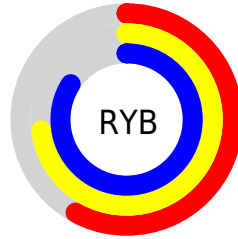
The Yxy color **58.9280, 0.2786, 0.3523** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4048, 0.3640, 0.3071**, and the grayscale version is **53.2887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5131, 0.2832, 0.3300**, and **29.5577, 0.2702, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **56.8470, 0.2695, 0.3611**, and if you desaturate by 10%, it is **61.3963, 0.2888, 0.3441**.

Distribution



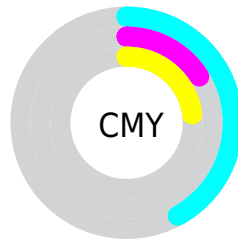
- Red (58%)
- Green (84%)
- Blue (77%)



- Red (58%)
- Yellow (73%)
- Blue (84%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)





- Cyan (42%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9280, 0.2786, 0.3523 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 58.9280, 0.2786, 0.3523 by changing the saturation by 10% instead.

 58.9280, 0.2786,
0.3523


 58.9280, 0.2786,
0.3523


420.6350, 0.2950,
0.3410

 42.5552, 0.2747,
0.3550


 103.2730, 0.2844,
0.3483

 29.5362, 0.2698,
0.3584


 132.0140, 0.2866,
0.3467

 19.4869, 0.2634,
0.3629


165.6464, 0.2886,
0.3454

 12.0226, 0.2548,
0.3690

204.5548, 0.2902,
0.3443

 6.7591, 0.2426,
0.3777

249.1234, 0.2916,
0.3433

 3.3119, 0.2241,
0.3911

299.7368, 0.2929,

 1.2966, 0.1857,

0.3425

0.4183

356.7792, 0.2940,
0.3417

■ 0.1386, 0.0000,
0.9903

■ 0.0000, 0.0000,
0.0000

■ 58.9280, 0.2786,
0.3523

■ 58.9280, 0.2786,
0.3523

■ 56.8470, 0.2695,
0.3611

■ 61.3963, 0.2888,
0.3441

■ 55.1255, 0.2617,
0.3705

■ 64.2640, 0.2999,
0.3366

■ 53.7429, 0.2556,
0.3803


■ 67.5512, 0.3114,
0.3297


■ 52.6740, 0.2513,
0.3903


■ 71.2748, 0.3232,
0.3236

 51.8897, 0.2491,
0.4005


 75.3422, 0.3346,
0.3181

 51.3553, 0.2488,
0.4106

 75.6648, 0.3305,
0.3124

 51.0368, 0.2499,
0.4195

 75.9983, 0.3265,
0.3067

 76.3426, 0.3225,
0.3011

 76.6979, 0.3185,
0.2956

Harmonies

Analogous

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



58.9280, 0.3085, 0.3773



58.9280, 0.2786, 0.3523



58.9280, 0.2584, 0.3212

Triad

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



58.9280, 0.2786, 0.3523



58.9280, 0.2832, 0.2765



58.9280, 0.3771, 0.3588

Complementary

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



58.9280, 0.2786, 0.3523



38.4048, 0.3640, 0.3071

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.



58.9280, 0.3700, 0.3324



58.9280, 0.2786, 0.3523



58.9280, 0.3144, 0.2866

Square

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



58.9280, 0.2786, 0.3523



58.9280, 0.2610, 0.2789



58.9280, 0.3466, 0.3066



58.9280, 0.3660, 0.3792

Rectangle

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



58.9280, 0.2786, 0.3523



58.9280, 0.2526, 0.3024



58.9280, 0.3466, 0.3066



58.9280, 0.3768, 0.3503

Sweetspot

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



58.9304, 0.2786, 0.3523



95.5130, 0.3022, 0.3351



58.9562, 0.3220, 0.4164



20.2989, 0.3005, 0.3362



0.0000, 0.0000, 0.0000



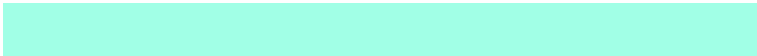
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9304, 0.2786, 0.3523



84.7530, 0.2728, 0.3577



52.7459, 0.2661, 0.3101



14.0482, 0.3018, 0.3353



30.5474, 0.2494, 0.4180



1.8559, 0.2446, 0.4006

Inverse Universe

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



38.4048, 0.3640, 0.3071



50.1737, 0.3787, 0.3026



42.6294, 0.3776, 0.3470



12.4751, 0.3249, 0.3228



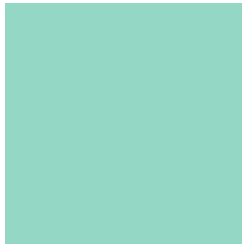
8.8379, 0.5855, 0.2999



0.5469, 0.5355, 0.2724

Previews

White Background



This preview shows how the Yxy color 58.9280, 0.2786, 0.3523 looks on a white background.

Color Contrast Check

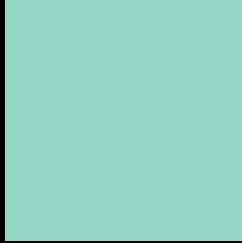
Large Text (above 18pt) WCAG AA × Fail

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 58.9280, 0.2786, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

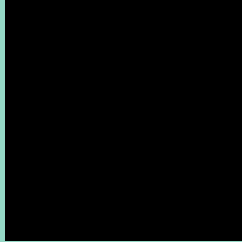
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

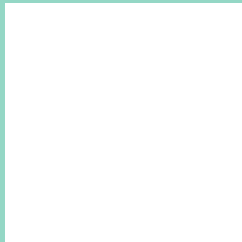
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9280, 0.2786, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 58.9280, 0.2786, 0.3523.



This preview shows how white text looks on a background with the Yxy color 58.9280, 0.2786, 0.3523.

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

58.9280, 0.2786, 0.3523

Protanopia

58.2481, 0.3264, 0.3421

Deuteranopia

58.4629, 0.3283, 0.3222



Tritanopia

59.1031, 0.2651, 0.3091

Trichromacy



Original Color

58.9280, 0.2786, 0.3523

Protanomaly

57.9075, 0.3074, 0.3450

Deuteranomaly

57.8805, 0.3080, 0.3314

Tritanomaly

58.7202, 0.2696, 0.3238

Monochromacy



Original Color

58.9280, 0.2786, 0.3523

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.0154, 0.2994, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9280, 0.2786, 0.3523 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(148, 215, 197)` looks like.

```
.text, #text, p{  
    color:rgb(148, 215, 197)  
}
```

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(148, 215, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 215, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.9280, 0.2786, 0.3523 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(148, 215, 197) }
```

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

```
.border{ border-color:rgb(148, 215, 197) }
```

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

Here you see how a box with a 4 pixel rgb(148, 215, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 215, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 215, 197);  
box-shadow:4px 4px 4px 4px rgb(148, 215,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9280, 0.2786, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 215, 197) }
```

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

```
.background{ background-color: rgb(148,  
215, 197) }
```

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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