

Converting Colors

$Yxy(60.2109, 0.2847, 0.3578)$

Have a look what the booklet for
Yxy(60.2109, 0.2847, 0.3578)
contains.

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Color

Yxy(59.9753, 0.2848, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	9BD8C2
RGB	155, 216, 194
RGB Percent	61%, 85%, 76%
CMY	0.3920, 0.1530, 0.2391
CMYK	0.28, 0.00, 0.10, 0.15
HSL	158°, 44%, 73%
HSV	158°, 28%, 85%
XYZ	47.8191, 59.9753, 60.1096
YIQ	195.2530, -29.2940, -19.7740

Conversions

Conversions Part 2

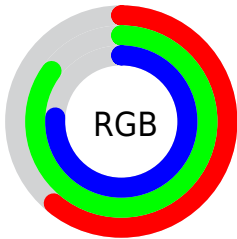
Format	Color
RYB	155, 192, 216
Decimal	10213570
CIELab	81.82, -23.99, 4.60
CIELCh	82, 24.423, 169.156
Yxy	59.9753, 0.2848, 0.3572
Android (android.graphics.Color)	4288403650 (0xFF9BD8C2)
YUV	195.2530, -0.6177, -35.3019
Hunter-Lab	77.4437, -25.3084, 8.1914

Details

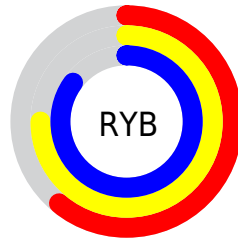
The Yxy color **59.9753, 0.2848, 0.3572** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2297, 0.3522, 0.3026**, and the grayscale version is **54.7558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2710, 0.2892, 0.3341**, and **30.2080, 0.2779, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **57.6869, 0.2763, 0.3690**, and if you desaturate by 10%, it is **62.6692, 0.2942, 0.3463**.

Distribution



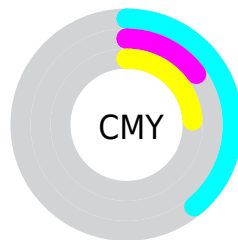
- Red (61%)
- Green (85%)
- Blue (76%)



- Red (61%)
- Yellow (75%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)




- Cyan (39%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9753, 0.2848, 0.3572 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 59.9753, 0.2848, 0.3572 by changing the saturation by 10% instead.


 59.9753, 0.2848,
0.3572


 59.9753, 0.2848,
0.3572


424.5067, 0.2983,
0.3435

 43.3987, 0.2816,
0.3605


 104.7938, 0.2896,
0.3523

 30.1981, 0.2775,
0.3648


 133.8046, 0.2914,
0.3504

 19.9890, 0.2722,
0.3703


167.7289, 0.2930,
0.3488

 12.3870, 0.2651,
0.3778

206.9510, 0.2943,
0.3475

 7.0078, 0.2549,
0.3887

251.8555, 0.2955,
0.3463

 3.4670, 0.2393,
0.4058

302.8267, 0.2965,

 1.3801, 0.2091,

0.3452

0.4382

360.2490, 0.2975,
0.3443

0.2020, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.9753, 0.2848,
0.3572

59.9753, 0.2848,
0.3572

57.6869, 0.2763,
0.3690

62.6692, 0.2942,
0.3463

55.7760, 0.2689,
0.3817

65.7804, 0.3042,
0.3364

54.2225, 0.2631,
0.3950

69.3292, 0.3146,
0.3275

53.0013, 0.2591,
0.4088

73.3324, 0.3250,
0.3195

■ 52.0842, 0.2570,
0.4228

■ 76.2491, 0.3295,
0.3121

■ 51.4377, 0.2569,
0.4368

■ 76.7038, 0.3241,
0.3046

■ 51.0133, 0.2587,
0.4505

■ 77.1783, 0.3188,
0.2971

■ 50.9480, 0.2591,
0.4529

■ 77.5887, 0.3145,
0.2910

Harmonies

Analogous

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



59.9753, 0.3149, 0.3790



59.9753, 0.2848, 0.3572



59.9753, 0.2628, 0.3274

Triad

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



59.9753, 0.2848, 0.3572



59.9753, 0.2790, 0.2774



59.9753, 0.3753, 0.3532

Complementary

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



59.9753, 0.2848, 0.3572



41.2297, 0.3522, 0.3026

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.



59.9753, 0.3649, 0.3272



59.9753, 0.2848, 0.3572



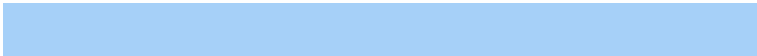
59.9753, 0.3080, 0.2850

Square

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



59.9753, 0.2848, 0.3572



59.9753, 0.2596, 0.2823



59.9753, 0.3398, 0.3028



59.9753, 0.3679, 0.3747

Rectangle

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



59.9753, 0.2848, 0.3572



59.9753, 0.2553, 0.3083



59.9753, 0.3398, 0.3028



59.9753, 0.3738, 0.3447

Sweetspot

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



59.9778, 0.2848, 0.3572



95.8696, 0.3044, 0.3363



60.8699, 0.3251, 0.4064



20.3638, 0.3028, 0.3377



0.0000, 0.0000, 0.0000



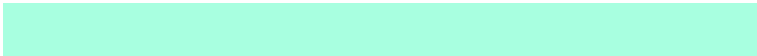
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9778, 0.2848, 0.3572



85.2462, 0.2795, 0.3643



56.9774, 0.2709, 0.3186



14.0284, 0.3030, 0.3375



30.1792, 0.2586, 0.4508



1.8358, 0.2520, 0.4272

Inverse Universe

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



41.2297, 0.3522, 0.3026



53.5252, 0.3640, 0.2966



43.2207, 0.3716, 0.3391



12.4940, 0.3235, 0.3206



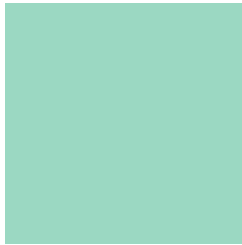
8.9843, 0.5522, 0.2816



0.5575, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 59.9753, 0.2848, 0.3572 looks on a white background.

Color Contrast Check

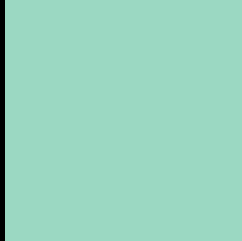
Large Text (above 18pt) WCAG AA × Fail

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 59.9753, 0.2848, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

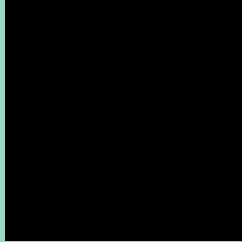
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

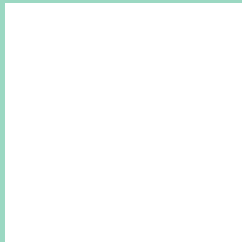
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9753, 0.2848, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 59.9753, 0.2848, 0.3572.

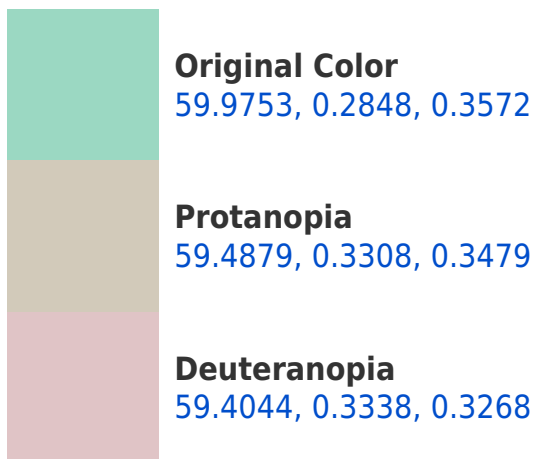


This preview shows how white text looks on a background with the Yxy color 59.9753, 0.2848, 0.3572.

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





Tritanopia

59.8713, 0.2687, 0.3082

Trichromacy



Original Color

59.9753, 0.2848, 0.3572

Protanomaly

59.2469, 0.3124, 0.3510

Deuteranomaly

58.8852, 0.3139, 0.3362

Tritanomaly

59.9173, 0.2740, 0.3252

Monochromacy



Original Color

59.9753, 0.2848, 0.3572

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.3553, 0.3009, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9753, 0.2848, 0.3572 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(155, 216, 194)` looks like.

```
.text, #text, p{  
    color:rgb(155, 216, 194)  
}
```

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(155, 216, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 216, 194) }
```

Border

The CSS property to change the border of an element to Yxy 59.9753, 0.2848, 0.3572 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(155, 216, 194) }
```

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

```
.border{ border-color:rgb(155, 216, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 216, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 216, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 216, 194);  
box-shadow:4px 4px 4px 4px rgb(155, 216,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9753, 0.2848, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 216, 194) }
```

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

```
.background{ background-color: rgb(155,  
216, 194) }
```

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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