

Converting Colors

$Yxy(60.9289, 0.2884, 0.3610)$

Have a look what the booklet for
Yxy(60.9289, 0.2884, 0.3610)
contains.

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Color

Yxy(60.8024, 0.2886, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	9FD9C0
RGB	159, 217, 192
RGB Percent	62%, 85%, 75%
CMY	0.3766, 0.1490, 0.2470
CMYK	0.27, 0.00, 0.12, 0.15
HSL	154°, 43%, 74%
HSV	154°, 27%, 85%
XYZ	48.6217, 60.8024, 59.0503
YIQ	196.8080, -26.5430, -20.0710

Conversions

Conversions Part 2

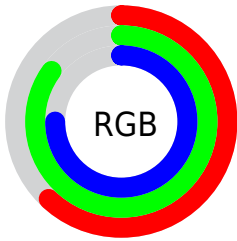
Format	Color
RYB	159, 196, 217
Decimal	10475968
CIELab	82.27, -23.70, 6.34
CIELCh	82, 24.536, 165.034
Yxy	60.8024, 0.2886, 0.3609
Android (android.graphics.Color)	4288666048 (0xFF9FD9C0)
YUV	196.8080, -2.3703, -33.1576
Hunter-Lab	77.9759, -25.1545, 9.6835

Details

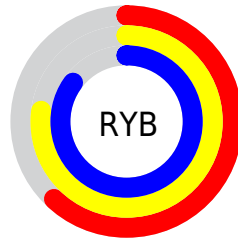
The Yxy color **60.8024, 0.2886, 0.3609** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9980, 0.3457, 0.2993**, and the grayscale version is **55.7376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7444, 0.2926, 0.3361**, and **30.7689, 0.2820, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **58.3769, 0.2807, 0.3751**, and if you desaturate by 10%, it is **63.6487, 0.2973, 0.3479**.

Distribution



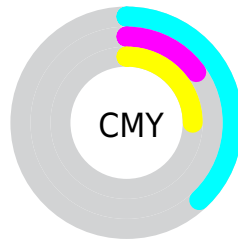
- Red (62%)
- Green (85%)
- Blue (75%)



- Red (62%)
- Yellow (77%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8024, 0.2886, 0.3609 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 60.8024, 0.2886, 0.3609 by changing the saturation by 10% instead.

 60.8024, 0.2886,
0.3609


 60.8024, 0.2886,
0.3609


427.5491, 0.3003,
0.3453

 44.0657, 0.2858,
0.3647


 105.9928, 0.2928,
0.3553

 30.7222, 0.2822,
0.3695


 135.2153, 0.2944,
0.3532

 20.3874, 0.2776,
0.3758


169.3685, 0.2957,
0.3514

 12.6769, 0.2714,
0.3844

208.8368, 0.2969,
0.3498

 7.2065, 0.2624,
0.3969

254.0046, 0.2979,
0.3485

 3.5916, 0.2486,
0.4165

305.2563, 0.2988,

 1.4478, 0.2228,

0.3473

0.4526

362.9764, 0.2996,
0.3463

0.2516, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8024, 0.2886,
0.3609

60.8024, 0.2886,
0.3609

58.3769, 0.2807,
0.3751

63.6487, 0.2973,
0.3479

56.3438, 0.2738,
0.3903

66.9275, 0.3064,
0.3362

54.6829, 0.2684,
0.4064

70.6595, 0.3158,
0.3257

53.3690, 0.2647,
0.4231

74.8618, 0.3252,
0.3164

■ 52.3739, 0.2629,
0.4400

■ 77.1074, 0.3254,
0.3075

■ 51.6644, 0.2631,
0.4568

■ 77.6734, 0.3191,
0.2985

■ 51.1981, 0.2653,
0.4731

■ 78.1107, 0.3145,
0.2920

■ 51.0747, 0.2662,
0.4783

Harmonies

Analogous

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



60.8024, 0.3193, 0.3808



60.8024, 0.2886, 0.3609



60.8024, 0.2652, 0.3316

Triad

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



60.8024, 0.2886, 0.3609



60.8024, 0.2756, 0.2773



60.8024, 0.3749, 0.3497

Complementary

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



60.8024, 0.2886, 0.3609



42.9980, 0.3457, 0.2993

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.



60.8024, 0.3622, 0.3237



60.8024, 0.2886, 0.3609



60.8024, 0.3037, 0.2832

Square

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



60.8024, 0.2886, 0.3609



60.8024, 0.2580, 0.2840



60.8024, 0.3356, 0.2999



60.8024, 0.3699, 0.3722

Rectangle

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



60.8024, 0.2886, 0.3609



60.8024, 0.2563, 0.3120



60.8024, 0.3356, 0.2999



60.8024, 0.3726, 0.3411

Sweetspot

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



60.8049, 0.2886, 0.3609



95.7812, 0.3052, 0.3377



62.3380, 0.3274, 0.4013



20.3415, 0.3038, 0.3394



0.0000, 0.0000, 0.0000



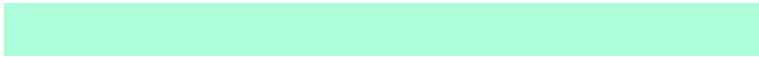
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8049, 0.2886, 0.3609



85.6098, 0.2841, 0.3686



60.0372, 0.2734, 0.3241



14.7299, 0.3039, 0.3393



30.9364, 0.2656, 0.4760



2.0214, 0.2582, 0.4495

Inverse Universe

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



42.9980, 0.3457, 0.2993



55.8815, 0.3548, 0.2928



43.3924, 0.3689, 0.3339



13.1442, 0.3225, 0.3190



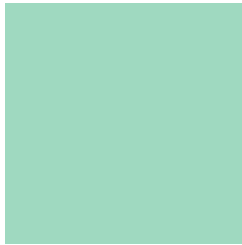
9.4334, 0.5241, 0.2661



0.6282, 0.4829, 0.2434

Previews

White Background



This preview shows how the Yxy color 60.8024, 0.2886, 0.3609 looks on a white background.

Color Contrast Check

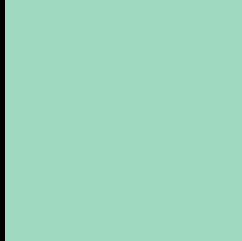
Large Text (above 18pt) WCAG AA × Fail

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 60.8024, 0.2886, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

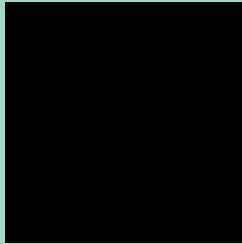
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

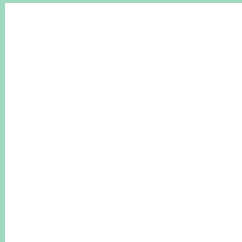
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8024, 0.2886, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 60.8024, 0.2886, 0.3609.

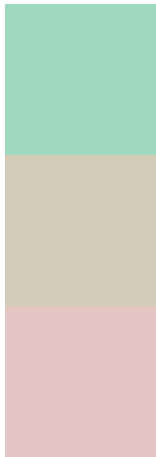


This preview shows how white text looks on a background with the Yxy color 60.8024, 0.2886, 0.3609.

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

60.8024, 0.2886, 0.3609

Protanopia

60.2117, 0.3330, 0.3501

Deuteranopia

60.2489, 0.3376, 0.3302



Tritanopia

60.8511, 0.2707, 0.3084

Trichromacy



Original Color

60.8024, 0.2886, 0.3609

Protanomaly

60.0800, 0.3153, 0.3533

Deuteranomaly

59.6824, 0.3176, 0.3397

Tritanomaly

60.8375, 0.2766, 0.3264

Monochromacy



Original Color

60.8024, 0.2886, 0.3609

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.1931, 0.3031, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8024, 0.2886, 0.3609 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(159, 217, 192)` looks like.

```
.text, #text, p{  
    color:rgb(159, 217, 192)  
}
```

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(159, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 217, 192) }
```

Border

The CSS property to change the border of an element to Yxy 60.8024, 0.2886, 0.3609 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(159, 217, 192) }
```

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

```
.border{ border-color:rgb(159, 217, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 217, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 217, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 217, 192);  
box-shadow:4px 4px 4px 4px rgb(159, 217,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8024, 0.2886, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 217, 192) }
```

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

```
.background{ background-color: rgb(159,  
217, 192) }
```

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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