

Converting Colors

$Yxy(61.6472, 0.2827, 0.3582)$

Have a look what the booklet for
Yxy(61.6472, 0.2827, 0.3582)
contains.

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Color

Yxy(61.5186, 0.2832, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	9ADBC4
RGB	154, 219, 196
RGB Percent	60%, 86%, 77%
CMY	0.3961, 0.1412, 0.2313
CMYK	0.30, 0.00, 0.10, 0.14
HSL	159°, 47%, 73%
HSV	159°, 30%, 86%
XYZ	48.6242, 61.5186, 61.5529
YIQ	196.9430, -31.3570, -20.9330

Conversions

Conversions Part 2

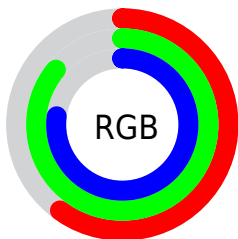
Format	Color
RYB	154, 193, 219
Decimal	10148804
CIELab	82.66, -25.35, 4.73
CIElCh	83, 25.791, 169.439
Yxy	61.5186, 0.2832, 0.3583
Android (android.graphics.Color)	4288338884 (0xFF9ADBC4)
YUV	196.9430, -0.4649, -37.6610
Hunter-Lab	78.4338, -26.5998, 8.3743

Details

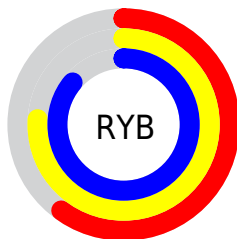
The Yxy color **61.5186, 0.2832, 0.3583** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3454, 0.3554, 0.3017**, and the grayscale version is **55.8181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3135, 0.2871, 0.3310**, and **31.2706, 0.2762, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **59.2211, 0.2747, 0.3700**, and if you desaturate by 10%, it is **64.2313, 0.2926, 0.3475**.

Distribution



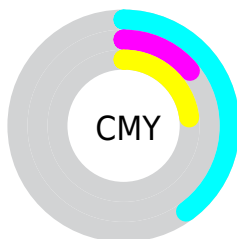
- Red (60%)
- Green (86%)
- Blue (77%)



- Red (60%)
- Yellow (76%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)





- Cyan (40%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5186, 0.2832, 0.3583 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 61.5186, 0.2832, 0.3583 by changing the saturation by 10% instead.


 61.5186, 0.2832,
0.3583

 61.5186, 0.2832,
0.3583


430.1729, 0.2974,
0.3441

 44.6438, 0.2798,
0.3617


 107.0295, 0.2882,
0.3532

 31.1770, 0.2756,
0.3661


 136.4344, 0.2902,
0.3513

 20.7336, 0.2701,
0.3717


170.7847, 0.2918,
0.3496

 12.9294, 0.2627,
0.3794

210.4650, 0.2932,
0.3482

 7.3800, 0.2522,
0.3905

255.8596, 0.2945,
0.3470

 3.7009, 0.2362,
0.4078

307.3528, 0.2956,

 1.5077, 0.2075,

0.3459

0.4390

365.3291, 0.2965,
0.3449

0.2941, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.5186, 0.2832,
0.3583

61.5186, 0.2832,
0.3583

59.2211, 0.2747,
0.3700

64.2313, 0.2926,
0.3475

57.3097, 0.2675,
0.3825

67.3717, 0.3026,
0.3376

55.7633, 0.2619,
0.3957

70.9609, 0.3131,
0.3287

54.5555, 0.2581,
0.4092

75.0165, 0.3236,
0.3208

■ 53.6563, 0.2563,
0.4230

■ 77.9066, 0.3280,
0.3134

■ 53.0304, 0.2565,
0.4366

■ 78.3631, 0.3227,
0.3059

■ 52.6171, 0.2584,
0.4500

■ 78.8393, 0.3175,
0.2985

■ 52.6052, 0.2585,
0.4504

■ 79.1441, 0.3144,
0.2940

Harmonies

Analogous

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



61.5186, 0.3146, 0.3813



61.5186, 0.2832, 0.3583



61.5186, 0.2604, 0.3269

Triad

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



61.5186, 0.2832, 0.3583



61.5186, 0.2776, 0.2751



61.5186, 0.3783, 0.3544

Complementary

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



61.5186, 0.2832, 0.3583



41.3454, 0.3554, 0.3017

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.



61.5186, 0.3676, 0.3273



61.5186, 0.2832, 0.3583



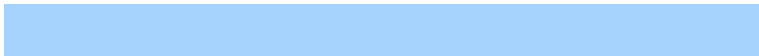
61.5186, 0.3081, 0.2832

Square

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



61.5186, 0.2832, 0.3583



61.5186, 0.2574, 0.2800



61.5186, 0.3413, 0.3018



61.5186, 0.3703, 0.3769

Rectangle

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



61.5186, 0.2832, 0.3583



61.5186, 0.2526, 0.3070



61.5186, 0.3413, 0.3018



61.5186, 0.3768, 0.3456

Sweetspot

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



61.5211, 0.2832, 0.3583



95.3927, 0.3033, 0.3371



62.4427, 0.3257, 0.4110



20.2692, 0.3018, 0.3384



0.0000, 0.0000, 0.0000



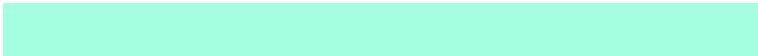
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5211, 0.2832, 0.3583



84.6315, 0.2775, 0.3660



58.2437, 0.2689, 0.3180



14.7473, 0.3029, 0.3374



31.2133, 0.2579, 0.4484



2.0383, 0.2518, 0.4266

Inverse Universe

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



41.3454, 0.3554, 0.3017



51.4948, 0.3688, 0.2953



43.4703, 0.3757, 0.3397



13.1272, 0.3236, 0.3208



9.2699, 0.5552, 0.2832



0.6166, 0.5098, 0.2582

Previews

White Background



This preview shows how the Yxy color 61.5186, 0.2832, 0.3583 looks on a white background.

Color Contrast Check

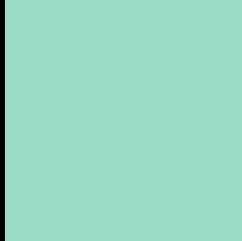
Large Text (above 18pt) WCAG AA × Fail

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 61.5186, 0.2832, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

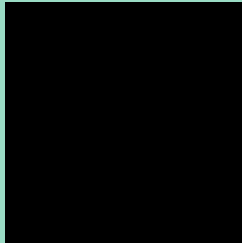
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

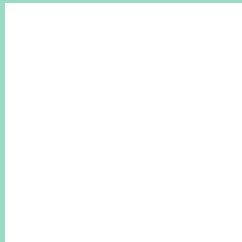
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5186, 0.2832, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 61.5186, 0.2832, 0.3583.



This preview shows how white text looks on a background with the Yxy color 61.5186, 0.2832, 0.3583.

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

61.5186, 0.2832, 0.3583

Protanopia

60.9627, 0.3314, 0.3477

Deuteranopia

60.7270, 0.3336, 0.3268



Tritanopia

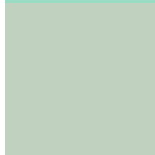
61.4397, 0.2668, 0.3083

Trichromacy



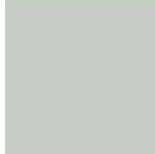
Original Color

61.5186, 0.2832, 0.3583



Protanomaly

60.5690, 0.3124, 0.3508



Deuteranomaly

60.5455, 0.3131, 0.3373



Tritanomaly

61.4428, 0.2726, 0.3264

Monochromacy



Original Color

61.5186, 0.2832, 0.3583



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.5176, 0.3003, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5186, 0.2832, 0.3583 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(154, 219, 196)` looks like.

```
.text, #text, p{  
    color:rgb(154, 219, 196)  
}
```

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(154, 219, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 219, 196) }
```

Border

The CSS property to change the border of an element to Yxy 61.5186, 0.2832, 0.3583 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(154, 219, 196) }
```

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

```
.border{ border-color:rgb(154, 219, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 219, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 219, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 219, 196);  
box-shadow:4px 4px 4px 4px rgb(154, 219,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5186, 0.2832, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 219, 196) }
```

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

```
.background{ background-color: rgb(154,  
219, 196) }
```

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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