

Converting Colors

$Yxy(60.9581, 0.2964, 0.3645)$

Have a look what the booklet for
Yxy(60.9581, 0.2964, 0.3645)
contains.

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Color

Yxy(60.9581, 0.2964, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	A7D8BC
RGB	167, 216, 188
RGB Percent	65%, 85%, 74%
CMY	0.3450, 0.1529, 0.2629
CMYK	0.23, 0.00, 0.13, 0.15
HSL	146°, 39%, 75%
HSV	146°, 23%, 85%
XYZ	49.5692, 60.9581, 56.7103
YIQ	198.1570, -20.2160, -19.0960

Conversions

Conversions Part 2

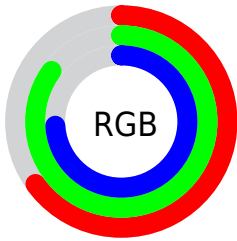
Format	Color
RYB	167, 201, 216
Decimal	10999996
CIELab	82.36, -21.48, 8.66
CIELCh	82, 23.166, 158.036
Yxy	60.9581, 0.2964, 0.3645
Android (android.graphics.Color)	4289190076 (0xFFA7D8BC)
YUV	198.1570, -5.0074, -27.3247
Hunter-Lab	78.0757, -23.3051, 11.5877

Details

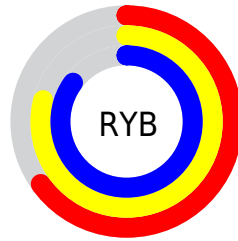
The Yxy color **60.9581, 0.2964, 0.3645** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.1872, 0.3333, 0.2960**, and the grayscale version is **56.6148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7396, 0.2994, 0.3401**, and **30.8164, 0.2917, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **58.2904, 0.2898, 0.3830**, and if you desaturate by 10%, it is **64.0695, 0.3035, 0.3477**.

Distribution



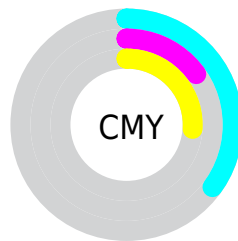
- Red (65%)
- Green (85%)
- Blue (74%)



- Red (65%)
- Yellow (79%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (35%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9581, 0.2964, 0.3645 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 60.9581, 0.2964, 0.3645 by changing the saturation by 10% instead.


 60.9581, 0.2964,
0.3645


 60.9581, 0.2964,
0.3645


428.1204, 0.3044,
0.3471

 44.1914, 0.2944,
0.3687


 106.2183, 0.2993,
0.3583

 30.8210, 0.2920,
0.3741


 135.4805, 0.3004,
0.3559

 20.4626, 0.2887,
0.3812


169.6766, 0.3013,
0.3539

 12.7317, 0.2842,
0.3909

209.1911, 0.3021,
0.3521

 7.2441, 0.2777,
0.4050

254.4083, 0.3028,
0.3506

 3.6152, 0.2675,
0.4273

305.7127, 0.3034,

 1.4607, 0.2486,

0.3493

0.4682

363.4886, 0.3039,
0.3481

0.2608, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.9581, 0.2964,
0.3645

60.9581, 0.2964,
0.3645

58.2904, 0.2898,
0.3830

64.0695, 0.3035,
0.3477

56.0381, 0.2840,
0.4031

67.6362, 0.3108,
0.3327

54.1814, 0.2792,
0.4245

71.6789, 0.3181,
0.3194

52.6959, 0.2759,
0.4468

76.2146, 0.3253,
0.3077

■ 51.5541, 0.2744,
0.4693

■ 77.2622, 0.3180,
0.2959

■ 50.7246, 0.2747,
0.4914

■ 77.5935, 0.3145,
0.2910

■ 50.1699, 0.2770,
0.5120

■ 49.8926, 0.2795,
0.5261

Harmonies

Analogous

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



60.9581, 0.3259, 0.3800



60.9581, 0.2964, 0.3645



60.9581, 0.2720, 0.3382

Triad

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



60.9581, 0.2964, 0.3645



60.9581, 0.2727, 0.2805



60.9581, 0.3700, 0.3431

Complementary

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



60.9581, 0.2964, 0.3645



46.1872, 0.3333, 0.2960

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.



60.9581, 0.3544, 0.3184



60.9581, 0.2964, 0.3645



60.9581, 0.2974, 0.2834

Square

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



60.9581, 0.2964, 0.3645



60.9581, 0.2589, 0.2898



60.9581, 0.3274, 0.2970



60.9581, 0.3692, 0.3656

Rectangle

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



60.9581, 0.2964, 0.3645



60.9581, 0.2617, 0.3193



60.9581, 0.3274, 0.2970



60.9581, 0.3665, 0.3348

Sweetspot

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



60.9606, 0.2964, 0.3645



96.1297, 0.3075, 0.3391



63.5857, 0.3309, 0.3883



20.5077, 0.3071, 0.3400



0.0000, 0.0000, 0.0000



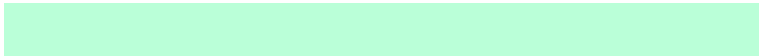
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9606, 0.2964, 0.3645



86.9146, 0.2933, 0.3728



62.0808, 0.2817, 0.3339



13.9832, 0.3058, 0.3426



29.5510, 0.2787, 0.5232



1.7988, 0.2691, 0.4888

Inverse Universe

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



46.1872, 0.3333, 0.2960



61.9079, 0.3385, 0.2891



45.1886, 0.3552, 0.3242



12.5388, 0.3203, 0.3157



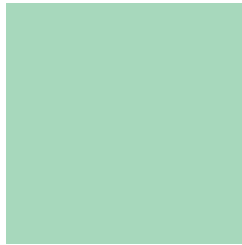
9.5190, 0.4644, 0.2332



0.5906, 0.4330, 0.2159

Previews

White Background



This preview shows how the Yxy color 60.9581, 0.2964, 0.3645 looks on a white background.

Color Contrast Check

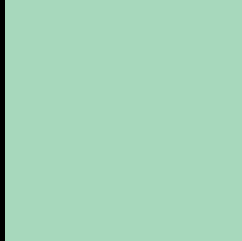
Large Text (above 18pt) WCAG AA × Fail

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 60.9581, 0.2964, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

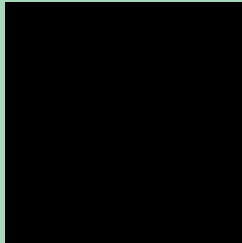
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

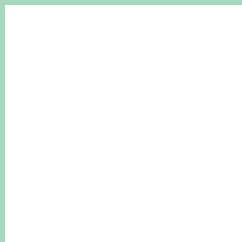
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9581, 0.2964, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 60.9581, 0.2964, 0.3645.



This preview shows how white text looks on a background with the Yxy color 60.9581, 0.2964, 0.3645.

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

60.9581, 0.2964, 0.3645

Protanopia

60.7093, 0.3359, 0.3548

Deuteranopia

60.3963, 0.3424, 0.3347



Tritanopia

60.6379, 0.2767, 0.3086

Trichromacy



Original Color

60.9581, 0.2964, 0.3645

Protanomaly

60.3082, 0.3205, 0.3581

Deuteranomaly

60.0691, 0.3236, 0.3444

Tritanomaly

60.5490, 0.2833, 0.3277

Monochromacy



Original Color

60.9581, 0.2964, 0.3645

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.1225, 0.3068, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9581, 0.2964, 0.3645 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(167, 216, 188)` looks like.

```
.text, #text, p{  
    color:rgb(167, 216, 188)  
}
```

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(167, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 216, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.9581, 0.2964, 0.3645 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(167, 216, 188) }
```

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

```
.border{ border-color:rgb(167, 216, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 216, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 216, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 216, 188);  
box-shadow:4px 4px 4px 4px rgb(167, 216,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9581, 0.2964, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 216, 188) }
```

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

```
.background{ background-color: rgb(167,  
216, 188) }
```

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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