

Converting Colors

$Yxy(60.6165, 0.2978, 0.3968)$

Have a look what the booklet for
Yxy(60.6165, 0.2978, 0.3968)
contains.

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Color

Yxy(60.6303, 0.2975, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	97DCA9
RGB	151, 220, 169
RGB Percent	59%, 86%, 66%
CMY	0.4079, 0.1372, 0.3372
CMYK	0.31, 0.00, 0.23, 0.14
HSL	136°, 50%, 73%
HSV	136°, 31%, 86%
XYZ	45.5148, 60.6303, 46.8458
YIQ	193.5550, -24.7530, -30.4890

Conversions

Conversions Part 2

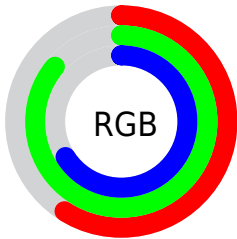
Format	Color
RYB	151, 206, 220
Decimal	9952425
CIELab	82.18, -32.01, 18.29
CIELCh	82, 36.867, 150.256
Yxy	60.6303, 0.2975, 0.3963
Android (android.graphics.Color)	4288142505 (0xFF97DCA9)
YUV	193.5550, -12.1056, -37.3207
Hunter-Lab	77.8655, -31.9257, 18.8355

Details

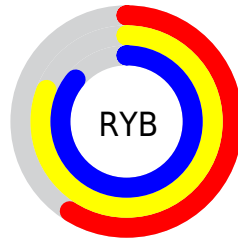
The Yxy color **60.6303, 0.2975, 0.3963** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.6060, 0.3326, 0.2701**, and the grayscale version is **53.7549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1672, 0.3009, 0.3620**, and **30.7913, 0.2928, 0.4154** is the 20% darker color. If you saturate the color by 10%, you get **58.1479, 0.2933, 0.4224**, and if you desaturate by 10%, it is **63.5864, 0.3022, 0.3723**.

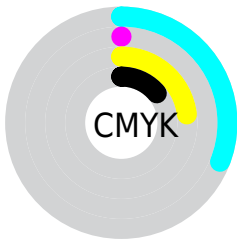
Distribution



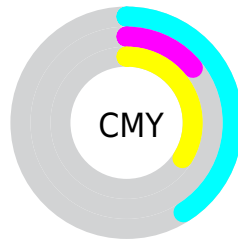
- Red (59%)
- Green (86%)
- Blue (66%)



- Red (59%)
- Yellow (81%)
- Blue (86%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)





- Cyan (41%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6303, 0.2975, 0.3963 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 60.6303, 0.2975, 0.3963 by changing the saturation by 10% instead.


 60.6303, 0.2975,
0.3963


 60.6303, 0.2975,
0.3963

426.9172, 0.3055,
0.3627

 43.9269, 0.2954,
0.4047


 105.7435, 0.3005,
0.3841

 30.6130, 0.2926,
0.4154


 134.9220, 0.3016,
0.3795

 20.3044, 0.2889,
0.4295


169.0277, 0.3025,
0.3756

 12.6165, 0.2834,
0.4492

208.4449, 0.3033,
0.3723

 7.1650, 0.2750,
0.4781

253.5580, 0.3040,
0.3694

 3.5655, 0.2605,
0.5244

304.7516, 0.3045,

 1.4336, 0.2356,

0.3669

0.6752

362.4098, 0.3051,
0.3647

0.2413, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.6303, 0.2975,
0.3963

60.6303, 0.2975,
0.3963

58.1479, 0.2933,
0.4224

63.5864, 0.3022,
0.3723

56.1069, 0.2899,
0.4501

67.0314, 0.3071,
0.3507

54.4830, 0.2876,
0.4785

70.9892, 0.3120,
0.3315

53.2460, 0.2866,
0.5063

75.4799, 0.3169,
0.3146

■ 52.3619, 0.2871,
0.5320

■ 79.3700, 0.3174,
0.2994

■ 51.7901, 0.2892,
0.5544

■ 79.6705, 0.3143,
0.2950

■ 51.4908, 0.2917,
0.5701

Harmonies

Analogous

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



60.6303, 0.3442, 0.4144



60.6303, 0.2975, 0.3963



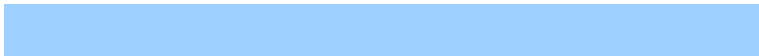
60.6303, 0.2569, 0.3552

Triad

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



60.6303, 0.2975, 0.3963



60.6303, 0.2429, 0.2552



60.6303, 0.4006, 0.3390

Complementary

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



60.6303, 0.2975, 0.3963



41.6060, 0.3326, 0.2701

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.



60.6303, 0.3693, 0.3024



60.6303, 0.2975, 0.3963



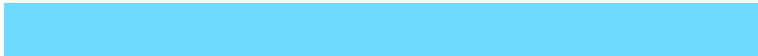
60.6303, 0.2767, 0.2559

Square

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



60.6303, 0.2975, 0.3963



60.6303, 0.2273, 0.2730



60.6303, 0.3228, 0.2729



60.6303, 0.4057, 0.3760

Rectangle

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



60.6303, 0.2975, 0.3963



60.6303, 0.2382, 0.3236



60.6303, 0.3228, 0.2729



60.6303, 0.3927, 0.3264

Sweetspot

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



60.6328, 0.2975, 0.3963



94.8599, 0.3082, 0.3460



66.0857, 0.3464, 0.4107



20.1382, 0.3075, 0.3490



0.0000, 0.0000, 0.0000



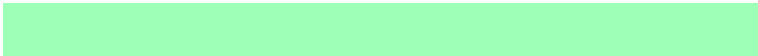
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6328, 0.2975, 0.3963



82.2355, 0.2945, 0.4142



62.0677, 0.2776, 0.3508



14.6618, 0.3080, 0.3467



30.2326, 0.2910, 0.5676



1.9727, 0.2820, 0.5352

Inverse Universe

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



41.6060, 0.3326, 0.2701



51.4432, 0.3383, 0.2570



40.1790, 0.3660, 0.3085



13.2137, 0.3177, 0.3119



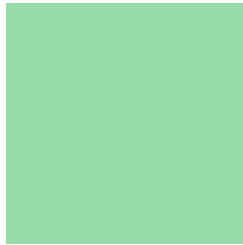
10.4909, 0.3999, 0.1977



0.6935, 0.3842, 0.1890

Previews

White Background



This preview shows how the Yxy color 60.6303, 0.2975, 0.3963 looks on a white background.

Color Contrast Check

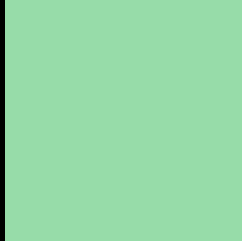
Large Text (above 18pt) WCAG AA × Fail

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 60.6303, 0.2975, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

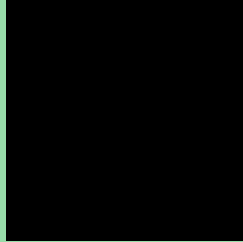
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6303, 0.2975, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 60.6303, 0.2975, 0.3963.



This preview shows how white text looks on a background with the Yxy color 60.6303, 0.2975, 0.3963.

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

60.6303, 0.2975, 0.3963

Protanopia

60.0368, 0.3552, 0.3781

Deuteranopia

60.0283, 0.3612, 0.3536



Tritanopia

60.5306, 0.2689, 0.3083

Trichromacy



Original Color

60.6303, 0.2975, 0.3963



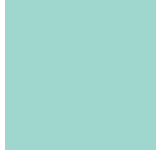
Protanomaly

59.6187, 0.3322, 0.3846



Deuteranomaly

59.4786, 0.3359, 0.3687



Tritanomaly

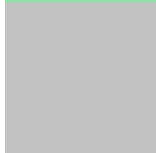
60.4768, 0.2795, 0.3390

Monochromacy



Original Color

60.6303, 0.2975, 0.3963



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.6796, 0.3063, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6303, 0.2975, 0.3963 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(151, 220, 169)` looks like.

```
.text, #text, p{  
    color:rgb(151, 220, 169)  
}
```

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(151, 220, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 220, 169) }
```

Border

The CSS property to change the border of an element to Yxy 60.6303, 0.2975, 0.3963 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(151, 220, 169) }
```

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

```
.border{ border-color:rgb(151, 220, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 220, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 220, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 220, 169); box-shadow:4px 4px 4px 4px rgb(151, 220, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6303, 0.2975, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 220, 169) }
```

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

```
.background{ background-color: rgb(151,  
220, 169) }
```

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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