

Converting Colors

$Yxy(61.3322, 0.2825, 0.3610)$

Have a look what the booklet for
Yxy(61.3322, 0.2825, 0.3610)
contains.

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Color

Yxy(61.1374, 0.2825, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	97DBC2
RGB	151, 219, 194
RGB Percent	59%, 86%, 76%
CMY	0.4080, 0.1411, 0.2391
CMYK	0.31, 0.00, 0.11, 0.14
HSL	158°, 49%, 73%
HSV	158°, 31%, 86%
XYZ	47.8297, 61.1374, 60.3416
YIQ	195.8180, -32.5030, -22.1910

Conversions

Conversions Part 2

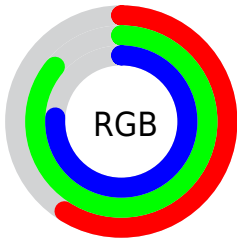
Format	Color
RYB	151, 193, 219
Decimal	9952194
CIELab	82.45, -26.66, 5.47
CIELCh	82, 27.218, 168.414
Yxy	61.1374, 0.2825, 0.3611
Android (android.graphics.Color)	4288142274 (0xFF97DBC2)
YUV	195.8180, -0.8963, -39.3054
Hunter-Lab	78.1904, -27.6433, 8.9776

Details

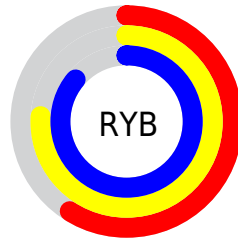
The Yxy color **61.1374, 0.2825, 0.3611** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3145, 0.3571, 0.2993**, and the grayscale version is **55.1054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6875, 0.2870, 0.3341**, and **31.0410, 0.2754, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **58.8846, 0.2743, 0.3734**, and if you desaturate by 10%, it is **63.8039, 0.2916, 0.3497**.

Distribution



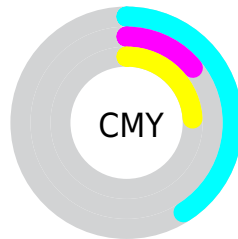
- Red (59%)
- Green (86%)
- Blue (76%)



- Red (59%)
- Yellow (76%)
- Blue (86%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)




- Cyan (41%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1374, 0.2825, 0.3611 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 61.1374, 0.2825, 0.3611 by changing the saturation by 10% instead.


 61.1374, 0.2825,
0.3611


 61.1374, 0.2825,
0.3611

428.7776, 0.2971,
0.3455

 44.3361, 0.2790,
0.3649

 106.4779, 0.2877,
0.3555

 30.9348, 0.2746,
0.3697


 135.7858, 0.2896,
0.3534

 20.5492, 0.2690,
0.3760


170.0313, 0.2913,
0.3516

 12.7949, 0.2613,
0.3845

209.5989, 0.2928,
0.3500

 7.2875, 0.2504,
0.3969

254.8730, 0.2941,
0.3486

 3.6425, 0.2337,
0.4162

306.2378, 0.2952,

 1.4757, 0.2021,

0.3475

0.4523

364.0779, 0.2962,
0.3464

0.2715, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.1374, 0.2825,
0.3611

61.1374, 0.2825,
0.3611

58.8846, 0.2743,
0.3734

63.8039, 0.2916,
0.3497

57.0162, 0.2675,
0.3866

66.8968, 0.3014,
0.3393


55.5105, 0.2622,
0.4003


70.4375, 0.3116,
0.3299


54.3409, 0.2587,
0.4145


74.4437, 0.3220,
0.3216


 53.4766, 0.2573,
0.4288

 77.8805, 0.3283,
0.3139

 52.8813, 0.2579,
0.4430

 78.3535, 0.3229,
0.3061

 52.5211, 0.2598,
0.4554

 78.8478, 0.3175,
0.2984

 79.1473, 0.3144,
0.2940

Harmonies

Analogous

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



61.1374, 0.3158, 0.3851



61.1374, 0.2825, 0.3611



61.1374, 0.2581, 0.3279

Triad

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



61.1374, 0.2825, 0.3611



61.1374, 0.2747, 0.2721



61.1374, 0.3820, 0.3547

Complementary

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



61.1374, 0.2825, 0.3611



40.3145, 0.3571, 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.



61.1374, 0.3701, 0.3261



61.1374, 0.2825, 0.3611



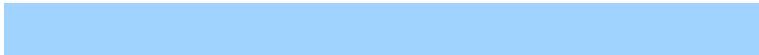
61.1374, 0.3065, 0.2802

Square

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



61.1374, 0.2825, 0.3611



61.1374, 0.2539, 0.2777



61.1374, 0.3418, 0.2995



61.1374, 0.3742, 0.3788

Rectangle

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



61.1374, 0.2825, 0.3611



61.1374, 0.2496, 0.3066



61.1374, 0.3418, 0.2995



61.1374, 0.3802, 0.3453

Sweetspot

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



61.1399, 0.2825, 0.3611



95.3736, 0.3034, 0.3374



62.2531, 0.3270, 0.4150



20.2645, 0.3020, 0.3388



0.0000, 0.0000, 0.0000



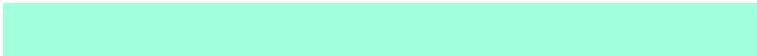
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1399, 0.2825, 0.3611



84.2482, 0.2773, 0.3687



58.3138, 0.2672, 0.3189



14.7443, 0.3031, 0.3377



31.1617, 0.2592, 0.4533



2.0352, 0.2529, 0.4306

Inverse Universe

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



40.3145, 0.3571, 0.2993



50.5799, 0.3697, 0.2931



42.0569, 0.3801, 0.3388



13.1301, 0.3234, 0.3205



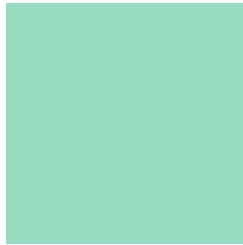
9.2958, 0.5500, 0.2803



0.6185, 0.5051, 0.2556

Previews

White Background



This preview shows how the Yxy color 61.1374, 0.2825, 0.3611 looks on a white background.

Color Contrast Check

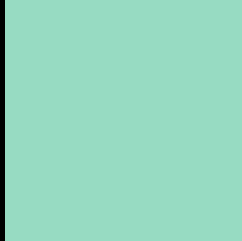
Large Text (above 18pt) WCAG AA × Fail

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 61.1374, 0.2825, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

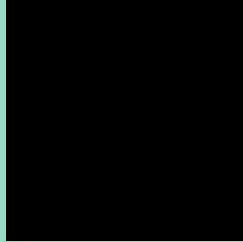
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

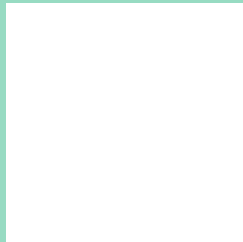
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1374, 0.2825, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 61.1374, 0.2825, 0.3611.

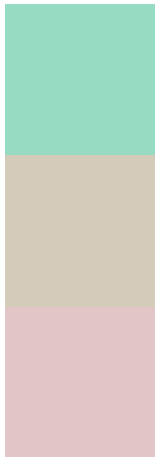


This preview shows how white text looks on a background with the Yxy color 61.1374, 0.2825, 0.3611.

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

61.1374, 0.2825, 0.3611

Protanopia

60.7280, 0.3321, 0.3501

Deuteranopia

60.6804, 0.3344, 0.3279



Tritanopia

61.2336, 0.2656, 0.3083

Trichromacy



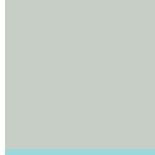
Original Color

61.1374, 0.2825, 0.3611



Protanomaly

60.2222, 0.3123, 0.3534



Deuteranomaly

60.3159, 0.3137, 0.3397



Tritanomaly

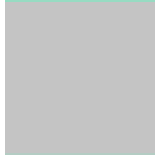
61.2416, 0.2714, 0.3264

Monochromacy



Original Color

61.1374, 0.2825, 0.3611



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

56.8292, 0.3009, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1374, 0.2825, 0.3611 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, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(151, 219, 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(151, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 219, 194) }
```

Border

The CSS property to change the border of an element to Yxy 61.1374, 0.2825, 0.3611 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, 219, 194) }
```

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

```
.border{ border-color:rgb(151, 219, 194) }
```

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

Here you see how a box with a 4 pixel rgb(151, 219, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(151, 219,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1374, 0.2825, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 219, 194) }
```

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

```
.background{ background-color: rgb(151,  
219, 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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