

Converting Colors

$Yxy(61.0324, 0.2855, 0.3874)$

Have a look what the booklet for
Yxy(61.0324, 0.2855, 0.3874)
contains.

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Color

Yxy(61.0324, 0.2855, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	8CDEB2
RGB	140, 222, 178
RGB Percent	55%, 87%, 70%
CMY	0.4508, 0.1294, 0.3019
CMYK	0.37, 0.00, 0.20, 0.13
HSL	148°, 55%, 71%
HSV	148°, 37%, 87%
XYZ	44.9787, 61.0324, 51.5325
YIQ	192.4660, -34.7480, -31.0680

Conversions

Conversions Part 2

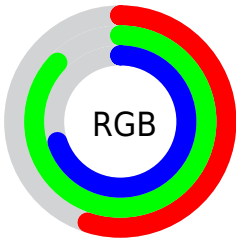
Format	Color
RYB	140, 196, 222
Decimal	9232050
CIELab	82.40, -34.48, 13.79
CIElCh	82, 37.139, 158.208
Yxy	61.0324, 0.2855, 0.3874
Android (android.graphics.Color)	4287422130 (0xFF8CDEB2)
YUV	192.4660, -7.1317, -46.0127
Hunter-Lab	78.1232, -33.9460, 15.5767

Details

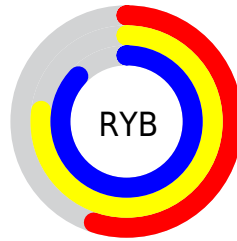
The Yxy color **61.0324, 0.2855, 0.3874** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **37.7616, 0.3540, 0.2776**, and the grayscale version is **53.0642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1963, 0.2892, 0.3515**, and **30.7315, 0.2782, 0.4037** is the 20% darker color. If you saturate the color by 10%, you get **58.8381, 0.2797, 0.4068**, and if you desaturate by 10%, it is **63.6624, 0.2922, 0.3694**.

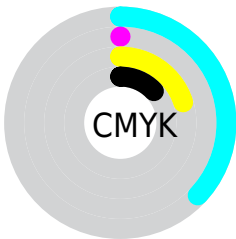
Distribution



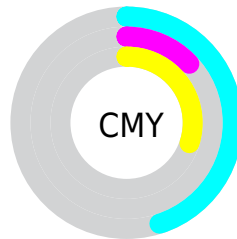
- Red (55%)
- Green (87%)
- Blue (70%)



- Red (55%)
- Yellow (77%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)




- Cyan (45%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0324, 0.2855, 0.3874 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 61.0324, 0.2855, 0.3874 by changing the saturation by 10% instead.


 61.0324, 0.2855,
0.3874


 61.0324, 0.2855,
0.3874


428.3928, 0.2990,
0.3584

 44.2513, 0.2821,
0.3946


 106.3258, 0.2904,
0.3769

 30.8681, 0.2779,
0.4038


 135.6070, 0.2922,
0.3729

 20.4985, 0.2722,
0.4159


169.8236, 0.2938,
0.3696

 12.7579, 0.2644,
0.4327

209.3601, 0.2952,
0.3667

 7.2620, 0.2528,
0.4574

254.6009, 0.2963,
0.3642

 3.6265, 0.2344,
0.4970

305.9304, 0.2973,

 1.4669, 0.1880,

0.3620

363.7328, 0.2982,
0.3601

0.5964

0.2653, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.0324, 0.2855,
0.3874

61.0324, 0.2855,
0.3874

58.8381, 0.2797,
0.4068

63.6624, 0.2922,
0.3694

57.0473, 0.2753,
0.4272


66.7430, 0.2996,
0.3530

55.6354, 0.2724,
0.4483


70.2979, 0.3073,
0.3383


54.5718, 0.2714,
0.4695


74.3465, 0.3151,
0.3251

 53.8207, 0.2725,
0.4900

 78.9074, 0.3230,
0.3135

 53.3360, 0.2753,
0.5093

 80.3718, 0.3178,
0.3021

 53.2165, 0.2764,
0.5150

 80.7206, 0.3142,
0.2970

Harmonies

Analogous

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



61.0324, 0.3320, 0.4128



61.0324, 0.2855, 0.3874



61.0324, 0.2481, 0.3427

Triad

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



61.0324, 0.2855, 0.3874



61.0324, 0.2499, 0.2533



61.0324, 0.4052, 0.3491

Complementary

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



61.0324, 0.2855, 0.3874



37.7616, 0.3540, 0.2776

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.



61.0324, 0.3800, 0.3116



61.0324, 0.2855, 0.3874



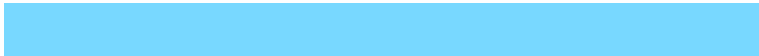
61.0324, 0.2880, 0.2586

Square

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



61.0324, 0.2855, 0.3874



61.0324, 0.2291, 0.2661



61.0324, 0.3358, 0.2795



61.0324, 0.4029, 0.3851

Rectangle

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



61.0324, 0.2855, 0.3874



61.0324, 0.2327, 0.3115



61.0324, 0.3358, 0.2795



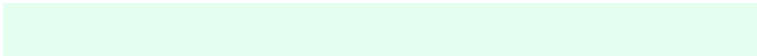
61.0324, 0.3996, 0.3364

Sweetspot

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



61.0349, 0.2855, 0.3874



94.1307, 0.3040, 0.3442



64.4646, 0.3394, 0.4299



20.0053, 0.3030, 0.3462



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.



61.0349, 0.2855, 0.3874



81.2717, 0.2811, 0.4017



62.8769, 0.2634, 0.3340



15.4424, 0.3053, 0.3419



31.6327, 0.2756, 0.5123



2.2106, 0.2674, 0.4828

Inverse Universe

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



37.7616, 0.3540, 0.2776



45.1580, 0.3659, 0.2673



36.3174, 0.3979, 0.3243



13.8230, 0.3208, 0.3165



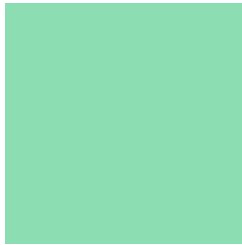
10.0405, 0.4797, 0.2416



0.7140, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 61.0324, 0.2855, 0.3874 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 61.0324, 0.2855, 0.3874 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

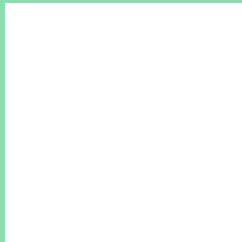
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0324, 0.2855, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 61.0324, 0.2855, 0.3874.

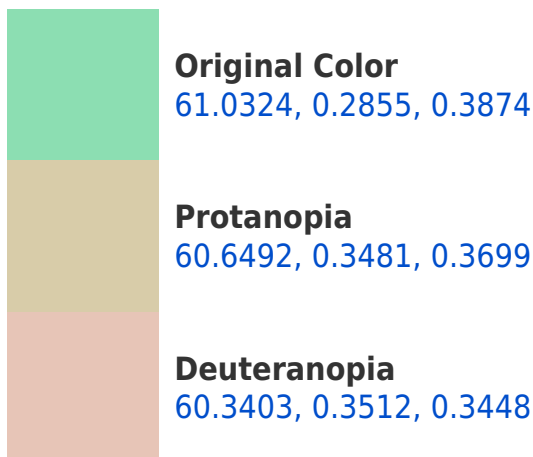


This preview shows how white text looks on a background with the Yxy color 61.0324, 0.2855, 0.3874.

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





Tritanopia

61.1025, 0.2613, 0.3081

Trichromacy



Original Color

61.0324, 0.2855, 0.3874



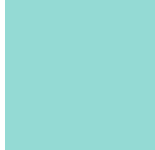
Protanomaly

60.2585, 0.3224, 0.3774



Deuteranomaly

59.4846, 0.3244, 0.3593



Tritanomaly

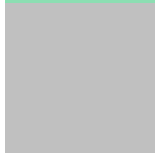
61.1922, 0.2704, 0.3365

Monochromacy



Original Color

61.0324, 0.2855, 0.3874



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.1840, 0.3012, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0324, 0.2855, 0.3874 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(140, 222, 178)` looks like.

```
.text, #text, p{  
    color:rgb(140, 222, 178)  
}
```

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(140, 222, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 222, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.0324, 0.2855, 0.3874 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(140, 222, 178) }
```

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

```
.border{ border-color:rgb(140, 222, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 222, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 222, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 222, 178);  
box-shadow:4px 4px 4px 4px rgb(140, 222,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0324, 0.2855, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 222, 178) }
```

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

```
.background{ background-color: rgb(140,  
222, 178) }
```

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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