

Converting Colors

$Yxy(61.3736, 0.2847, 0.3657)$

Have a look what the booklet for
Yxy(61.3736, 0.2847, 0.3657)
contains.

Yxy(61.6234, 0.2850, 0.3663)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.6234, 0.2850, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	98DCBF
RGB	152, 220, 191
RGB Percent	60%, 86%, 75%
CMY	0.4039, 0.1372, 0.2509
CMYK	0.31, 0.00, 0.13, 0.14
HSL	154°, 49%, 73%
HSV	154°, 31%, 86%
XYZ	47.9461, 61.6234, 58.6625
YIQ	196.3620, -31.2190, -23.4350

Conversions

Conversions Part 2

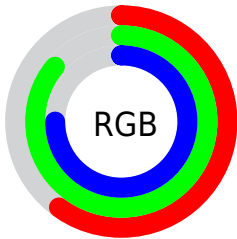
Format	Color
RYB	152, 195, 220
Decimal	10017983
CIELab	82.71, -27.46, 7.45
CIELCh	83, 28.456, 164.816
Yxy	61.6234, 0.2850, 0.3663
Android (android.graphics.Color)	4288208063 (0xFF98DCBF)
YUV	196.3620, -2.6435, -38.9055
Hunter-Lab	78.5006, -28.3528, 10.6437

Details

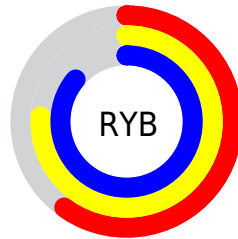
The Yxy color **61.6234, 0.2850, 0.3663** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.0078, 0.3528, 0.2947**, and the grayscale version is **55.4620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6453, 0.2891, 0.3372**, and **31.3979, 0.2778, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **59.2965, 0.2774, 0.3808**, and if you desaturate by 10%, it is **64.3756, 0.2934, 0.3530**.

Distribution



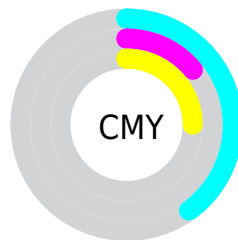
- Red (60%)
- Green (86%)
- Blue (75%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)





- Cyan (40%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6234, 0.2850, 0.3663 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 61.6234, 0.2850, 0.3663 by changing the saturation by 10% instead.


 61.6234, 0.2850,
0.3663


 61.6234, 0.2850,
0.3663


430.5560, 0.2984,
0.3481

 44.7285, 0.2818,
0.3707

 107.1811, 0.2898,
0.3598

 31.2436, 0.2777,
0.3764

 136.6126, 0.2916,
0.3573

 20.7844, 0.2724,
0.3838


170.9917, 0.2932,
0.3552

 12.9665, 0.2652,
0.3939

210.7029, 0.2945,
0.3533

 7.4055, 0.2550,
0.4085

256.1306, 0.2957,
0.3518

 3.7170, 0.2391,
0.4315

307.6590, 0.2967,

 1.5165, 0.2088,

0.3504

365.6727, 0.2976,
0.3491

0.4745

0.3003, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.6234, 0.2850,
0.3663

61.6234, 0.2850,
0.3663

59.2965, 0.2774,
0.3808

64.3756, 0.2934,
0.3530

57.3649, 0.2711,
0.3962


67.5659, 0.3025,
0.3408


55.8067, 0.2663,
0.4125


71.2163, 0.3119,
0.3299


54.5948, 0.2633,
0.4292


75.3447, 0.3213,
0.3202


 53.6979, 0.2623,
0.4459

 78.6165, 0.3257,
0.3113

 53.0791, 0.2634,
0.4624

 79.1820, 0.3194,
0.3023

 52.7005, 0.2658,
0.4769

 79.6688, 0.3143,
0.2950

Harmonies

Analogous

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



61.6234, 0.3202, 0.3894



61.6234, 0.2850, 0.3663



61.6234, 0.2582, 0.3320

Triad

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



61.6234, 0.2850, 0.3663



61.6234, 0.2698, 0.2698



61.6234, 0.3846, 0.3521

Complementary

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



61.6234, 0.2850, 0.3663



41.0078, 0.3528, 0.2947

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.



61.6234, 0.3698, 0.3224



61.6234, 0.2850, 0.3663



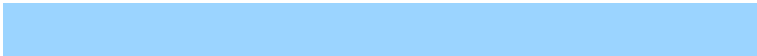
61.6234, 0.3019, 0.2766

Square

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



61.6234, 0.2850, 0.3663



61.6234, 0.2499, 0.2772



61.6234, 0.3388, 0.2954



61.6234, 0.3788, 0.3783

Rectangle

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



61.6234, 0.2850, 0.3663



61.6234, 0.2481, 0.3092



61.6234, 0.3388, 0.2954



61.6234, 0.3819, 0.3423

Sweetspot

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



61.6259, 0.2850, 0.3663



95.2899, 0.3042, 0.3387



63.3360, 0.3295, 0.4139



20.2438, 0.3028, 0.3404



0.0000, 0.0000, 0.0000



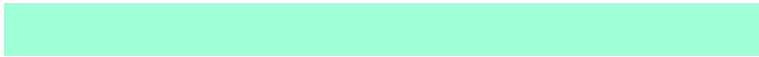
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6259, 0.2850, 0.3663



83.9555, 0.2800, 0.3754



60.6836, 0.2678, 0.3232



14.7308, 0.3039, 0.3392



30.9507, 0.2651, 0.4745



2.0223, 0.2579, 0.4483

Inverse Universe

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



41.0078, 0.3528, 0.2947



50.8388, 0.3644, 0.2874



41.4388, 0.3809, 0.3347



13.1432, 0.3225, 0.3191



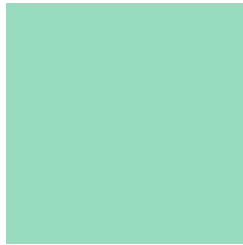
9.4233, 0.5259, 0.2671



0.6275, 0.4844, 0.2442

Previews

White Background



This preview shows how the Yxy color 61.6234, 0.2850, 0.3663 looks on a white background.

Color Contrast Check

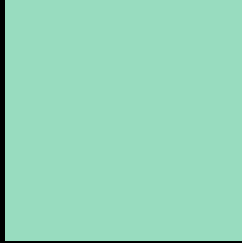
Large Text (above 18pt) WCAG AA × Fail

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 61.6234, 0.2850, 0.3663 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

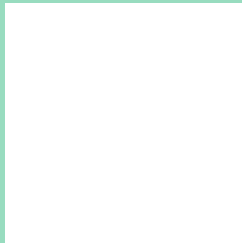
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6234, 0.2850, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 61.6234, 0.2850, 0.3663.

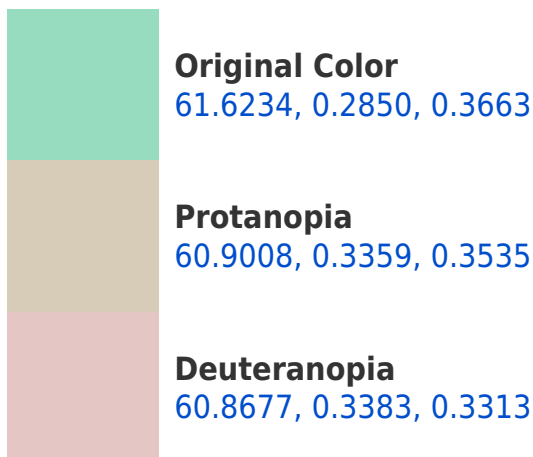


This preview shows how white text looks on a background with the Yxy color 61.6234, 0.2850, 0.3663.

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

61.4397, 0.2668, 0.3083

Trichromacy



Original Color

61.6234, 0.2850, 0.3663



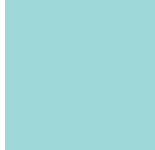
Protanomaly

60.7147, 0.3151, 0.3583



Deuteranomaly

60.3170, 0.3166, 0.3433



Tritanomaly

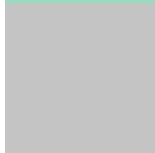
61.3387, 0.2737, 0.3289

Monochromacy



Original Color

61.6234, 0.2850, 0.3663



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

57.2610, 0.3016, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6234, 0.2850, 0.3663 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(152, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(152, 220, 191)  
}
```

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(152, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 220, 191) }
```

Border

The CSS property to change the border of an element to Yxy 61.6234, 0.2850, 0.3663 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(152, 220, 191) }
```

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

```
.border{ border-color:rgb(152, 220, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 220, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 220, 191); box-shadow:4px 4px 4px 4px rgb(152, 220, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6234, 0.2850, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 220, 191) }
```

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

```
.background{ background-color: rgb(152,  
220, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor