

Converting Colors

$Yxy(62.1219, 0.2794, 0.3452)$

Have a look what the booklet for
Yxy(62.1219, 0.2794, 0.3452)
contains.

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Color

Yxy(62.2874, 0.2792, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	9DDBCE
RGB	157, 219, 206
RGB Percent	62%, 86%, 81%
CMY	0.3843, 0.1412, 0.1921
CMYK	0.28, 0.00, 0.06, 0.14
HSL	167°, 46%, 74%
HSV	167°, 28%, 86%
XYZ	50.3785, 62.2874, 67.7727
YIQ	198.9800, -32.7790, -17.1870

Conversions

Conversions Part 2

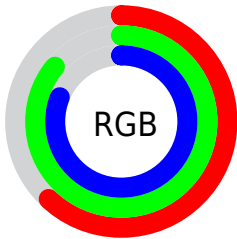
Format	Color
RYB	157, 192, 219
Decimal	10345422
CIELab	83.07, -22.37, 0.04
CIELCh	83, 22.366, 179.897
Yxy	62.2874, 0.2792, 0.3452
Android (android.graphics.Color)	4288535502 (0xFF9DDBCE)
YUV	198.9800, 3.4609, -36.8165
Hunter-Lab	78.9224, -24.1724, 4.3318

Details

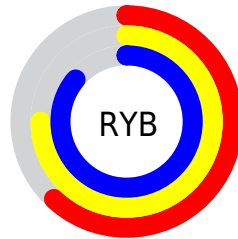
The Yxy color **62.2874, 0.2792, 0.3452** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0763, 0.3616, 0.3136**, and the grayscale version is **57.0959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **31.7610, 0.2710, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **60.0613, 0.2691, 0.3519**, and if you desaturate by 10%, it is **64.9198, 0.2904, 0.3390**.

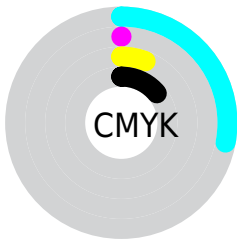
Distribution



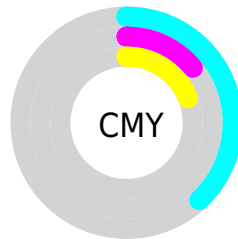
- Red (62%)
- Green (86%)
- Blue (81%)



- Red (62%)
- Yellow (75%)
- Blue (86%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)




- Cyan (38%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2874, 0.2792, 0.3452 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 62.2874, 0.2792, 0.3452 by changing the saturation by 10% instead.

 62.2874, 0.2792,
0.3452

 62.2874, 0.2792,
0.3452


432.9787, 0.2951,
0.3375

 45.2650, 0.2755,
0.3470


 108.1408, 0.2848,
0.3425

 31.6662, 0.2708,
0.3493


 137.7405, 0.2870,
0.3415

 21.1067, 0.2648,
0.3522


172.3015, 0.2888,
0.3406

 13.2020, 0.2568,
0.3560

212.2081, 0.2904,
0.3398

 7.5678, 0.2456,
0.3614

257.8447, 0.2918,
0.3391

 3.8197, 0.2290,
0.3695


309.5958, 0.2930,

 1.5732, 0.2016,


0.3385


0.3827

367.8456, 0.2941,
0.3380


 0.3394, 0.0000,
0.4806


 0.0000, 0.0000,
0.0000


 62.2874, 0.2792,
0.3452


 62.2874, 0.2792,
0.3452


 60.0613, 0.2691,
0.3519


 64.9198, 0.2904,
0.3390


 58.2129, 0.2604,
0.3589


 67.9706, 0.3024,
0.3333

 56.7215, 0.2533,
0.3663


 71.4606, 0.3148,
0.3282

 55.5614, 0.2480,
0.3739

 75.4069, 0.3276,
0.3235


 54.7036, 0.2447,
0.3816

 77.5787, 0.3320,
0.3191


 54.1137, 0.2434,
0.3893

 77.8382, 0.3288,
0.3146

 53.7414, 0.2438,
0.3969

 78.1045, 0.3257,
0.3101

 53.6875, 0.2440,
0.3982

 78.3776, 0.3225,
0.3057

 78.6577, 0.3195,
0.3013

Harmonies

Analogous

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



62.2874, 0.3046, 0.3683



62.2874, 0.2792, 0.3452



62.2874, 0.2631, 0.3182

Triad

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



62.2874, 0.2792, 0.3452



62.2874, 0.2909, 0.2833



62.2874, 0.3687, 0.3589

Complementary

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



62.2874, 0.2792, 0.3452



42.0763, 0.3616, 0.3136

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.



62.2874, 0.3650, 0.3361



62.2874, 0.2792, 0.3452



62.2874, 0.3190, 0.2938

Square

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



62.2874, 0.2792, 0.3452



62.2874, 0.2695, 0.2837



62.2874, 0.3465, 0.3128



62.2874, 0.3567, 0.3752

Rectangle

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



62.2874, 0.2792, 0.3452



62.2874, 0.2593, 0.3024



62.2874, 0.3465, 0.3128



62.2874, 0.3693, 0.3517

Sweetspot

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



62.2899, 0.2792, 0.3452



96.0621, 0.3027, 0.3332



61.6934, 0.3184, 0.4084



20.4125, 0.3008, 0.3340



0.0000, 0.0000, 0.0000



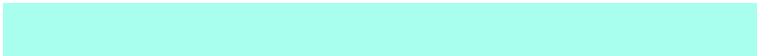
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2899, 0.2792, 0.3452



85.9833, 0.2730, 0.3491



54.2594, 0.2695, 0.3067



14.7804, 0.3010, 0.3339



31.8497, 0.2436, 0.3971



2.0753, 0.2402, 0.3846

Inverse Universe

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



42.0763, 0.3616, 0.3136



52.9406, 0.3762, 0.3102



47.9869, 0.3689, 0.3502



13.0959, 0.3259, 0.3241



9.0591, 0.6039, 0.3101



0.5996, 0.5583, 0.2849

Previews

White Background



This preview shows how the Yxy color 62.2874, 0.2792, 0.3452 looks on a white background.

Color Contrast Check

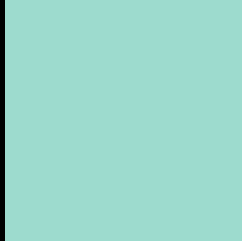
Large Text (above 18pt) WCAG AA × Fail

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 62.2874, 0.2792, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

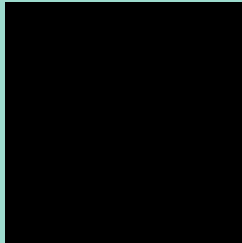
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

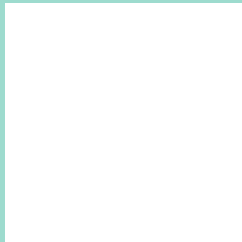
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2874, 0.2792, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 62.2874, 0.2792, 0.3452.

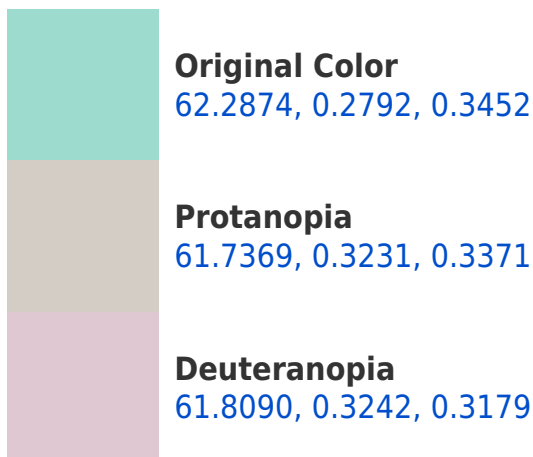


This preview shows how white text looks on a background with the Yxy color 62.2874, 0.2792, 0.3452.

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

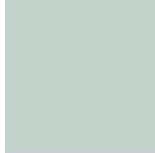
62.2136, 0.2676, 0.3085

Trichromacy



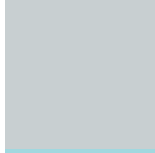
Original Color

62.2874, 0.2792, 0.3452



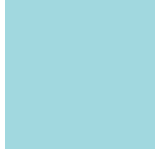
Protanomaly

61.5167, 0.3056, 0.3398



Deuteranomaly

61.5085, 0.3061, 0.3266



Tritanomaly

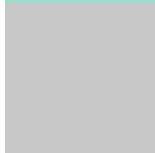
62.0165, 0.2716, 0.3203

Monochromacy



Original Color

62.2874, 0.2792, 0.3452



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5972, 0.2991, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2874, 0.2792, 0.3452 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(157, 219, 206)` looks like.

```
.text, #text, p{  
    color:rgb(157, 219, 206)  
}
```

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(157, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 219, 206) }
```

Border

The CSS property to change the border of an element to Yxy 62.2874, 0.2792, 0.3452 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(157, 219, 206) }
```

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

```
.border{ border-color:rgb(157, 219, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 219, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(157, 219,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2874, 0.2792, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 219, 206) }
```

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

```
.background{ background-color: rgb(157,  
219, 206) }
```

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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