

Converting Colors

Yxy(62.4370, 0.2865, 0.3495)

Have a look what the booklet for
Yxy(62.4370, 0.2865, 0.3495)
contains.

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Color

Yxy(62.4064, 0.2865, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	A5DACA
RGB	165, 218, 202
RGB Percent	65%, 85%, 79%
CMY	0.3530, 0.1451, 0.2079
CMYK	0.24, 0.00, 0.07, 0.15
HSL	162°, 42%, 75%
HSV	162°, 24%, 85%
XYZ	51.2452, 62.4064, 65.2146
YIQ	200.3290, -26.4520, -16.2120

Conversions

Conversions Part 2

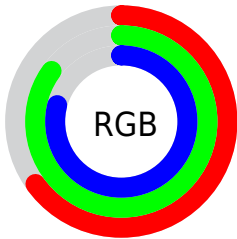
Format	Color
RYB	165, 196, 218
Decimal	10869450
CIELab	83.13, -20.33, 2.32
CIELCh	83, 20.463, 173.476
Yxy	62.4064, 0.2865, 0.3489
Android (android.graphics.Color)	4289059530 (0xFFA5DACA)
YUV	200.3290, 0.8238, -30.9835
Hunter-Lab	78.9977, -22.4546, 6.3530

Details

The Yxy color **62.4064, 0.2865, 0.3489** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1475, 0.3482, 0.3100**, and the grayscale version is **57.9781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.7772, 0.2800, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **59.9620, 0.2769, 0.3584**, and if you desaturate by 10%, it is **65.2677, 0.2969, 0.3401**.

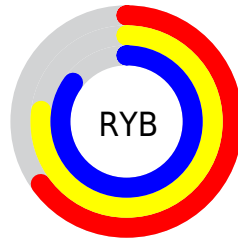
Distribution



Red (65%)

Green (85%)

Blue (79%)



Red (65%)

Yellow (77%)

Blue (85%)

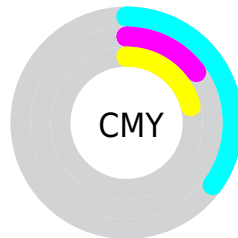


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (15%)



Cyan (35%)


Magenta (15%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4064, 0.2865, 0.3489 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 62.4064, 0.2865, 0.3489 by changing the saturation by 10% instead.

 62.4064, 0.2865,
0.3489

 62.4064, 0.2865,
0.3489


433.4120, 0.2990,
0.3393

 45.3612, 0.2835,
0.3512


 108.3127, 0.2909,
0.3455

 31.7420, 0.2798,
0.3540


 137.9425, 0.2926,
0.3442

 21.1645, 0.2751,
0.3578


172.5360, 0.2941,
0.3431

 13.2443, 0.2687,
0.3628

212.4775, 0.2953,
0.3422

 7.5970, 0.2597,
0.3699

258.1515, 0.2964,
0.3413

 3.8382, 0.2461,
0.3807

309.9423, 0.2974,

 1.5835, 0.2234,

0.3406

0.3994

368.2343, 0.2982,
0.3399

0.3464, 0.0000,
0.6174

0.0000, 0.0000,
0.0000

62.4064, 0.2865,
0.3489

62.4064, 0.2865,
0.3489

59.9620, 0.2769,
0.3584

65.2677, 0.2969,
0.3401

57.9064, 0.2685,
0.3686


68.5572, 0.3079,
0.3322

56.2201, 0.2615,
0.3795


72.2950, 0.3191,
0.3250


54.8786, 0.2563,
0.3907


76.4981, 0.3305,
0.3187


 53.8545, 0.2530,
0.4022


 77.4012, 0.3280,
0.3122


 53.1162, 0.2516,
0.4138

 77.7888, 0.3234,
0.3058

 52.6250, 0.2523,
0.4252

 78.1907, 0.3190,
0.2995

 52.4194, 0.2532,
0.4317

 78.6070, 0.3146,
0.2933

 78.6276, 0.3144,
0.2930

Harmonies

Analogous

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



62.4064, 0.3109, 0.3680



62.4064, 0.2865, 0.3489



62.4064, 0.2694, 0.3244

Triad

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



62.4064, 0.2865, 0.3489



62.4064, 0.2879, 0.2862



62.4064, 0.3644, 0.3524

Complementary

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



62.4064, 0.2865, 0.3489



45.1475, 0.3482, 0.3100

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.



62.4064, 0.3579, 0.3309



62.4064, 0.2865, 0.3489



62.4064, 0.3128, 0.2939

Square

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



62.4064, 0.2865, 0.3489



62.4064, 0.2702, 0.2890



62.4064, 0.3387, 0.3099



62.4064, 0.3564, 0.3689

Rectangle

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



62.4064, 0.2865, 0.3489



62.4064, 0.2642, 0.3091



62.4064, 0.3387, 0.3099



62.4064, 0.3638, 0.3455

Sweetspot

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



62.4090, 0.2865, 0.3489



96.4279, 0.3048, 0.3343



62.7813, 0.3216, 0.3951



20.5768, 0.3042, 0.3348



0.0000, 0.0000, 0.0000



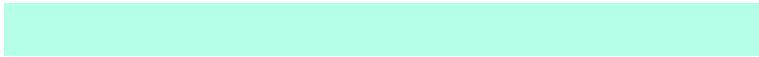
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4090, 0.2865, 0.3489



87.2135, 0.2817, 0.3535



58.3123, 0.2760, 0.3169



14.7591, 0.3022, 0.3362



31.4216, 0.2528, 0.4300



2.0507, 0.2476, 0.4114

Inverse Universe

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



45.1475, 0.3482, 0.3100



58.6585, 0.3578, 0.3060



48.1681, 0.3607, 0.3408



13.1160, 0.3244, 0.3220



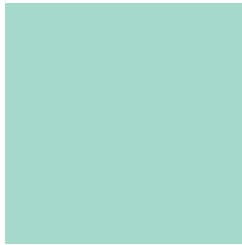
9.1813, 0.5744, 0.2938



0.6099, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 62.4064, 0.2865, 0.3489 looks on a white background.

Color Contrast Check

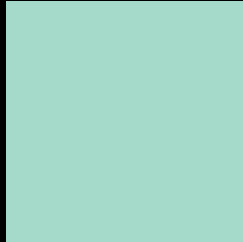
Large Text (above 18pt) WCAG AA × Fail

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 62.4064, 0.2865, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

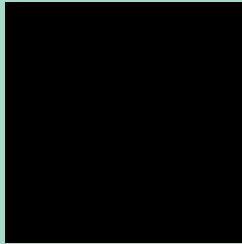
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

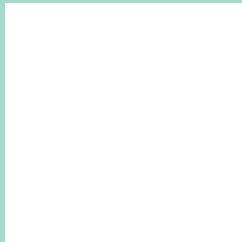
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4064, 0.2865, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 62.4064, 0.2865, 0.3489.

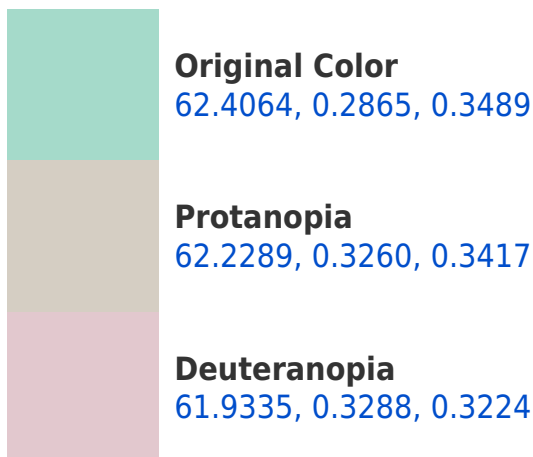


This preview shows how white text looks on a background with the Yxy color 62.4064, 0.2865, 0.3489.

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

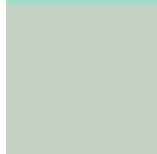
62.5206, 0.2729, 0.3087

Trichromacy



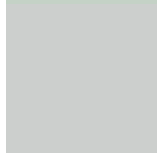
Original Color

62.4064, 0.2865, 0.3489



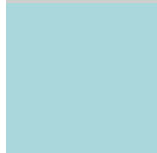
Protanomaly

61.9062, 0.3106, 0.3433



Deuteranomaly

61.8708, 0.3119, 0.3313



Tritanomaly

62.2032, 0.2781, 0.3228

Monochromacy



Original Color

62.4064, 0.2865, 0.3489



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

59.4075, 0.3020, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4064, 0.2865, 0.3489 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(165, 218, 202)` looks like.

```
.text, #text, p{  
    color:rgb(165, 218, 202)  
}
```

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(165, 218, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 218, 202) }
```

Border

The CSS property to change the border of an element to Yxy 62.4064, 0.2865, 0.3489 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(165, 218, 202) }
```

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

```
.border{ border-color:rgb(165, 218, 202) }
```

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

Here you see how a box with a 4 pixel rgb(165, 218, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 218, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 218, 202);  
box-shadow:4px 4px 4px 4px rgb(165, 218,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4064, 0.2865, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 218, 202) }
```

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

```
.background{ background-color: rgb(165,  
218, 202) }
```

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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