

Converting Colors

$Yxy(62.3409, 0.2963, 0.3424)$

Have a look what the booklet for
Yxy(62.3409, 0.2963, 0.3424)
contains.

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Color

Yxy(62.2287, 0.2964, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	B5D6CB
RGB	181, 214, 203
RGB Percent	71%, 84%, 80%
CMY	0.2902, 0.1608, 0.2038
CMYK	0.15, 0.00, 0.05, 0.16
HSL	160°, 29%, 77%
HSV	160°, 15%, 84%
XYZ	53.8843, 62.2287, 65.6828
YIQ	202.8790, -16.1370, -10.4170

Conversions

Conversions Part 2

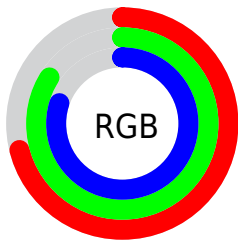
Format	Color
R _{YB}	181, 201, 214
Decimal	11917003
CIE Lab	83.03, -13.05, 1.76
CIE LCh	83, 13.173, 172.322
Yxy	62.2287, 0.2964, 0.3423
Android (android.graphics.Color)	4290107083 (0xFFB5D6CB)
YUV	202.8790, 0.0597, -19.1879
Hunter-Lab	78.8852, -16.1206, 5.8525

Details

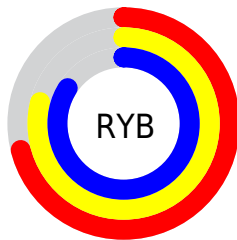
The Yxy color **62.2287, 0.2964, 0.3423** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.1510, 0.3323, 0.3161**, and the grayscale version is **59.6507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **31.5554, 0.2924, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **59.5080, 0.2865, 0.3521**, and if you desaturate by 10%, it is **65.3676, 0.3069, 0.3334**.

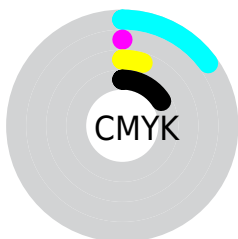
Distribution



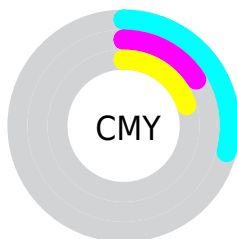
- Red (71%)
- Green (84%)
- Blue (80%)



- Red (71%)
- Yellow (79%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2287, 0.2964, 0.3423 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 62.2287, 0.2964, 0.3423 by changing the saturation by 10% instead.


 62.2287, 0.2964,
0.3423

 62.2287, 0.2964,
0.3423


432.7648, 0.3042,
0.3359

 45.2175, 0.2946,
0.3438


 108.0560, 0.2992,
0.3400

 31.6288, 0.2922,
0.3457


137.6409, 0.3002,
0.3392

 21.0781, 0.2893,
0.3482


172.1858, 0.3011,
0.3384

 13.1811, 0.2853,
0.3515

212.0752, 0.3019,
0.3378

 7.5534, 0.2796,
0.3562

257.6934, 0.3026,
0.3372

 3.8105, 0.2711,
0.3634

309.4248, 0.3032,

 1.5681, 0.2567,

0.3368

0.3758

367.6538, 0.3037,
0.3363

0.3360, 0.0011,
0.5799

0.0000, 0.0000,
0.0000

62.2287, 0.2964,
0.3423

62.2287, 0.2964,
0.3423

59.5080, 0.2865,
0.3521

65.3676, 0.3069,
0.3334

57.1793, 0.2773,
0.3627

68.9339, 0.3177,
0.3255

55.2257, 0.2694,
0.3741


72.9465, 0.3285,
0.3184


53.6256, 0.2628,
0.3862

75.1526, 0.3308,
0.3116


 52.3554, 0.2580,
0.3987


 75.5645, 0.3258,
0.3046


 51.3886, 0.2552,
0.4115


 75.9930, 0.3208,
0.2978

 50.6941, 0.2543,
0.4243

 76.4382, 0.3160,
0.2910

 50.2342, 0.2554,
0.4370

 76.5743, 0.3146,
0.2891

 50.0708, 0.2563,
0.4427

Harmonies

Analogous

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



62.2287, 0.3125, 0.3540



62.2287, 0.2964, 0.3423



62.2287, 0.2849, 0.3269

Triad

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



62.2287, 0.2964, 0.3423



62.2287, 0.2962, 0.3009



62.2287, 0.3459, 0.3440

Complementary

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



62.2287, 0.2964, 0.3423



51.1510, 0.3323, 0.3161

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.



62.2287, 0.3413, 0.3300



62.2287, 0.2964, 0.3423



62.2287, 0.3123, 0.3056

Square

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



62.2287, 0.2964, 0.3423



62.2287, 0.2847, 0.3033



62.2287, 0.3289, 0.3161



62.2287, 0.3412, 0.3546

Rectangle

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



62.2287, 0.2964, 0.3423



62.2287, 0.2812, 0.3170



62.2287, 0.3289, 0.3161



62.2287, 0.3454, 0.3396

Sweetspot

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



62.2313, 0.2964, 0.3423



97.3912, 0.3073, 0.3331



62.6376, 0.3189, 0.3691



20.7701, 0.3065, 0.3337



0.0000, 0.0000, 0.0000



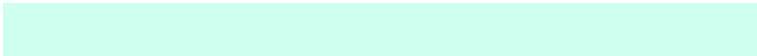
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2313, 0.2964, 0.3423



90.9453, 0.2926, 0.3459



60.0366, 0.2892, 0.3223



14.0343, 0.3026, 0.3369



30.2838, 0.2558, 0.4409



1.8416, 0.2498, 0.4191

Inverse Universe

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



51.1510, 0.3323, 0.3161



70.9781, 0.3381, 0.3128



52.9633, 0.3405, 0.3356



12.4883, 0.3239, 0.3213



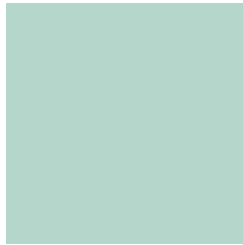
8.9351, 0.5628, 0.2874



0.5541, 0.5139, 0.2604

Previews

White Background



This preview shows how the Yxy color 62.2287, 0.2964, 0.3423 looks on a white background.

Color Contrast Check

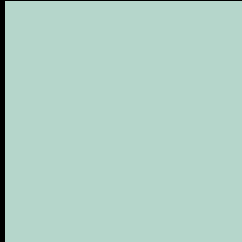
Large Text (above 18pt) WCAG AA × Fail

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 62.2287, 0.2964, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

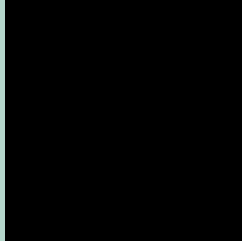
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

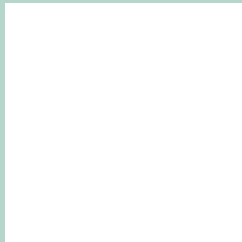
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2287, 0.2964, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 62.2287, 0.2964, 0.3423.



This preview shows how white text looks on a background with the Yxy color 62.2287, 0.2964, 0.3423.

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

62.2287, 0.2964, 0.3423

Protanopia

61.7369, 0.3231, 0.3371

Deuteranopia

61.9335, 0.3288, 0.3224



Tritanopia

61.9535, 0.2839, 0.3090

Trichromacy



Original Color

62.2287, 0.2964, 0.3423

Protanomaly

61.6994, 0.3130, 0.3384

Deuteranomaly

61.7721, 0.3165, 0.3290

Tritanomaly

61.8408, 0.2889, 0.3206

Monochromacy



Original Color

62.2287, 0.2964, 0.3423

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.5395, 0.3065, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2287, 0.2964, 0.3423 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(181, 214, 203)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 203)  
}
```

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(181, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 203) }
```

Border

The CSS property to change the border of an element to Yxy 62.2287, 0.2964, 0.3423 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(181, 214, 203) }
```

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

```
.border{ border-color:rgb(181, 214, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2287, 0.2964, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 203) }
```

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

```
.background{ background-color: rgb(181,  
214, 203) }
```

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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