

Converting Colors

$Yxy(62.1866, 0.2972, 0.3386)$

Have a look what the booklet for
Yxy(62.1866, 0.2972, 0.3386)
contains.

Yxy(62.1866, 0.2972, 0.3386)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.1866, 0.2972, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	B8D5CD
RGB	184, 213, 205
RGB Percent	72%, 84%, 80%
CMY	0.2784, 0.1647, 0.1960
CMYK	0.14, 0.00, 0.04, 0.16
HSL	163°, 26%, 78%
HSV	163°, 14%, 84%
XYZ	54.5832, 62.1866, 66.8882
YIQ	203.4170, -14.7160, -8.6360

Conversions

Conversions Part 2

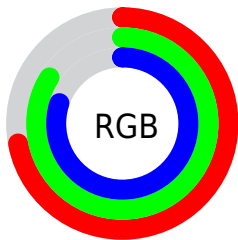
Format	Color
RYB	184, 201, 213
Decimal	12113357
CIELab	83.01, -11.18, 0.69
CIELCh	83, 11.199, 176.447
Yxy	62.1866, 0.2972, 0.3386
Android (android.graphics.Color)	4290303437 (0xFFB8D5CD)
YUV	203.4170, 0.7804, -17.0287
Hunter-Lab	78.8585, -14.4507, 4.9108

Details

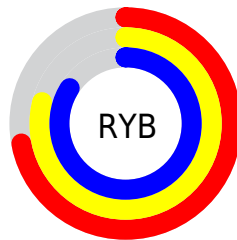
The Yxy color **62.1866, 0.2972, 0.3386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2379, 0.3310, 0.3196**, and the grayscale version is **60.0014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **31.5134, 0.2934, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **59.4752, 0.2864, 0.3465**, and if you desaturate by 10%, it is **65.3099, 0.3085, 0.3314**.

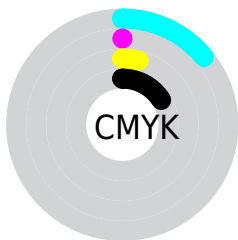
Distribution



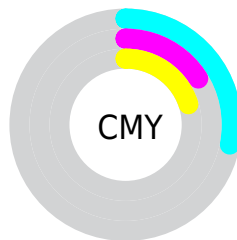
- Red (72%)
- Green (84%)
- Blue (80%)



- Red (72%)
- Yellow (79%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)





- Cyan (28%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1866, 0.2972, 0.3386 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 62.1866, 0.2972, 0.3386 by changing the saturation by 10% instead.


 62.1866, 0.2972,
0.3386

 62.1866, 0.2972,
0.3386

432.6114, 0.3046,
0.3340

 45.1835, 0.2955,
0.3397


 107.9952, 0.2998,
0.3370

 31.6020, 0.2933,
0.3410

137.5694, 0.3008,
0.3364

 21.0577, 0.2905,
0.3428


172.1029, 0.3017,
0.3358

 13.1662, 0.2867,
0.3451

211.9799, 0.3024,
0.3354

 7.5431, 0.2814,
0.3485

257.5848, 0.3031,
0.3350

 3.8040, 0.2734,
0.3535

309.3021, 0.3036,

 1.5645, 0.2599,

0.3346

0.3621

367.5162, 0.3041,
0.3343

0.3335, 0.0638,
0.4818

0.0000, 0.0000,
0.0000

62.1866, 0.2972,
0.3386

62.1866, 0.2972,
0.3386

59.4752, 0.2864,
0.3465

65.3099, 0.3085,
0.3314

57.1501, 0.2765,
0.3551


68.8541, 0.3202,
0.3250


55.1949, 0.2678,
0.3643

72.8372, 0.3319,
0.3192


53.5887, 0.2604,
0.3740


74.4786, 0.3330,
0.3135


 52.3089, 0.2548,
0.3842

 74.8113, 0.3288,
0.3077

 51.3297, 0.2511,
0.3945


 75.1552, 0.3247,
0.3020

 50.6217, 0.2494,
0.4050

 75.5104, 0.3207,
0.2964

 50.1491, 0.2497,
0.4153

 75.8771, 0.3167,
0.2909

 49.9315, 0.2505,
0.4219

 76.0693, 0.3146,
0.2881

Harmonies

Analogous

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



62.1866, 0.3106, 0.3491



62.1866, 0.2972, 0.3386



62.1866, 0.2881, 0.3255

Triad

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



62.1866, 0.2972, 0.3386



62.1866, 0.3004, 0.3052



62.1866, 0.3408, 0.3434

Complementary

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



62.1866, 0.2972, 0.3386



52.2379, 0.3310, 0.3196

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.



62.1866, 0.3380, 0.3317



62.1866, 0.2972, 0.3386



62.1866, 0.3144, 0.3100

Square

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



62.1866, 0.2972, 0.3386



62.1866, 0.2899, 0.3065



62.1866, 0.3282, 0.3196



62.1866, 0.3359, 0.3516

Rectangle

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



62.1866, 0.2972, 0.3386



62.1866, 0.2855, 0.3173



62.1866, 0.3282, 0.3196



62.1866, 0.3407, 0.3397

Sweetspot

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



62.1892, 0.2972, 0.3386



97.9367, 0.3080, 0.3317



62.2863, 0.3171, 0.3641



20.8819, 0.3072, 0.3322



0.0000, 0.0000, 0.0000



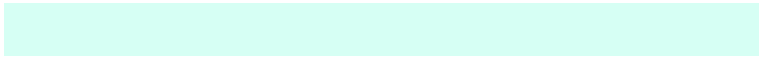
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1892, 0.2972, 0.3386



92.3628, 0.2944, 0.3406



59.4861, 0.2919, 0.3214



14.0467, 0.3019, 0.3355



30.5179, 0.2501, 0.4204



1.8544, 0.2452, 0.4026

Inverse Universe

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



52.2379, 0.3310, 0.3196



74.9152, 0.3350, 0.3178



54.5612, 0.3366, 0.3365



12.4765, 0.3248, 0.3226



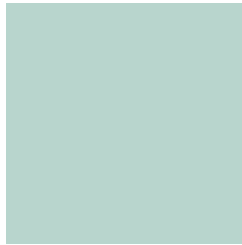
8.8472, 0.5833, 0.2987



0.5476, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 62.1866, 0.2972, 0.3386 looks on a white background.

Color Contrast Check

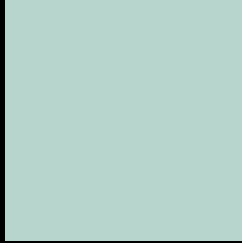
Large Text (above 18pt) WCAG AA × Fail

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 62.1866, 0.2972, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

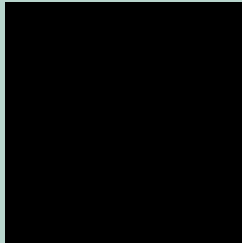
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

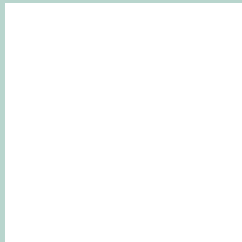
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1866, 0.2972, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 62.1866, 0.2972, 0.3386.

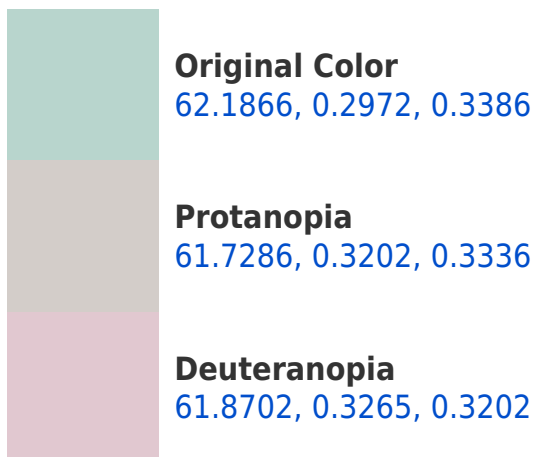


This preview shows how white text looks on a background with the Yxy color 62.1866, 0.2972, 0.3386.

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

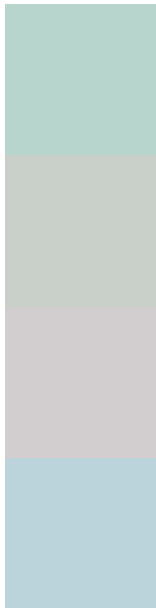




Tritanopia

62.2755, 0.2865, 0.3102

Trichromacy



Original Color

62.1866, 0.2972, 0.3386

Protanomaly

61.7935, 0.3116, 0.3361

Deuteranomaly

61.8693, 0.3151, 0.3267

Tritanomaly

62.2153, 0.2909, 0.3207

Monochromacy



Original Color

62.1866, 0.2972, 0.3386

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.7210, 0.3066, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1866, 0.2972, 0.3386 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(184, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 205)  
}
```

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(184, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 62.1866, 0.2972, 0.3386 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(184, 213, 205) }
```

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

```
.border{ border-color:rgb(184, 213, 205) }
```

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

Here you see how a box with a 4 pixel rgb(184, 213, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(184, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1866, 0.2972, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 205) }
```

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

```
.background{ background-color: rgb(184,  
213, 205) }
```

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