

Converting Colors

Yxy(65.4142, 0.3061, 0.3593)

Have a look what the booklet for
Yxy(65.4142, 0.3061, 0.3593)
contains.

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Color

Yxy(65.6462, 0.3063, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	BBDCC2
RGB	187, 220, 194
RGB Percent	73%, 86%, 76%
CMY	0.2667, 0.1372, 0.2391
CMYK	0.15, 0.00, 0.12, 0.14
HSL	133°, 32%, 80%
HSV	133°, 15%, 86%
XYZ	55.8230, 65.6462, 60.7801
YIQ	207.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

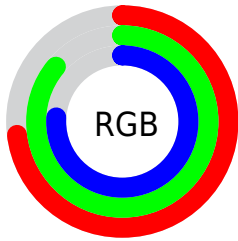
Format	Color
RYB	187, 214, 220
Decimal	12311746
CIELab	84.82, -15.83, 9.14
CIELCh	85, 18.278, 149.981
Yxy	65.6462, 0.3063, 0.3602
Android (android.graphics.Color)	4290501826 (0xFFBBDCC2)
YUV	207.1690, -6.4923, -17.6882
Hunter-Lab	81.0223, -18.8058, 12.2383

Details

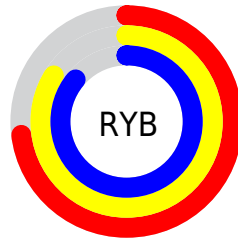
The Yxy color **65.6462, 0.3063, 0.3602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.5529, 0.3198, 0.2997**, and the grayscale version is **62.5600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4768, 0.3082, 0.3339**, and **33.7903, 0.3044, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **62.3505, 0.3021, 0.3843**, and if you desaturate by 10%, it is **69.4631, 0.3106, 0.3388**.

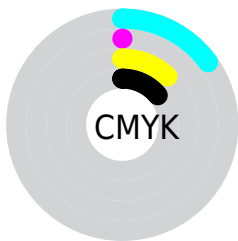
Distribution



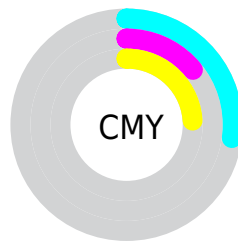
- Red (73%)
- Green (86%)
- Blue (76%)



- Red (73%)
- Yellow (84%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)




- Cyan (27%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6462, 0.3063, 0.3602 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 65.6462, 0.3063, 0.3602 by changing the saturation by 10% instead.


 65.6462, 0.3063,
0.3602

 65.6462, 0.3063,
0.3602


445.1105, 0.3095,
0.3452

 47.9853, 0.3055,
0.3638


 112.9784, 0.3075,
0.3549

 33.8152, 0.3045,
0.3683


143.4184, 0.3079,
0.3528

 22.7517, 0.3032,
0.3742


178.8869, 0.3083,
0.3511

 14.4103, 0.3013,
0.3822

219.7683, 0.3086,
0.3496

 8.4066, 0.2987,
0.3935

266.4470, 0.3088,
0.3483

 4.3562, 0.2944,
0.4109

319.3073, 0.3091,

 1.8747, 0.2865,

0.3471

0.4410

378.7337, 0.3093,
0.3461

0.5331, 0.1842,
0.8158

0.0000, 0.0000,
0.0000

65.6462, 0.3063,
0.3602

65.6462, 0.3063,
0.3602

62.3505, 0.3021,
0.3843

69.4631, 0.3106,
0.3388

59.5454, 0.2981,
0.4108

73.8140, 0.3148,
0.3199

57.2095, 0.2946,
0.4393

78.7213, 0.3189,
0.3034

55.3168, 0.2919,
0.4691

79.6702, 0.3143,
0.2950

■ 53.8385, 0.2902,
0.4987

■ 52.7427, 0.2899,
0.5268

■ 51.9922, 0.2908,
0.5515

■ 51.5422, 0.2930,
0.5713

■ 51.3946, 0.2942,
0.5793

Harmonies

Analogous

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



65.6462, 0.3291, 0.3691



65.6462, 0.3063, 0.3602



65.6462, 0.2857, 0.3420

Triad

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



65.6462, 0.3063, 0.3602



65.6462, 0.2779, 0.2924



65.6462, 0.3546, 0.3351

Complementary

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



65.6462, 0.3063, 0.3602



55.5529, 0.3198, 0.2997

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.



65.6462, 0.3399, 0.3160



65.6462, 0.3063, 0.3602



65.6462, 0.2953, 0.2919

Square

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



65.6462, 0.3063, 0.3602



65.6462, 0.2697, 0.3025



65.6462, 0.3180, 0.3005



65.6462, 0.3576, 0.3534

Rectangle

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



65.6462, 0.3063, 0.3602



65.6462, 0.2759, 0.3276



65.6462, 0.3180, 0.3005



65.6462, 0.3508, 0.3286

Sweetspot

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



65.6490, 0.3063, 0.3602



97.0321, 0.3106, 0.3388



68.9837, 0.3302, 0.3666



20.6829, 0.3103, 0.3403



0.0000, 0.0000, 0.0000



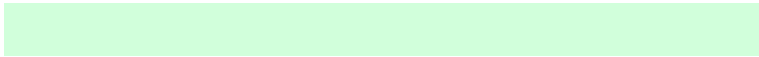
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6490, 0.3063, 0.3602



90.1983, 0.3050, 0.3675



66.4111, 0.2961, 0.3406



14.6514, 0.3087, 0.3479



30.1741, 0.2936, 0.5771



1.9676, 0.2851, 0.5464

Inverse Universe

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



55.5529, 0.3198, 0.2997



73.5158, 0.3215, 0.2934



54.7767, 0.3326, 0.3177



13.2248, 0.3170, 0.3108



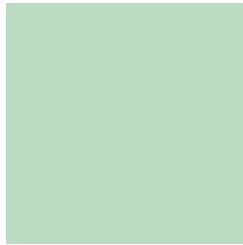
10.7200, 0.3831, 0.1884



0.7066, 0.3710, 0.1818

Previews

White Background



This preview shows how the Yxy color 65.6462, 0.3063, 0.3602 looks on a white background.

Color Contrast Check

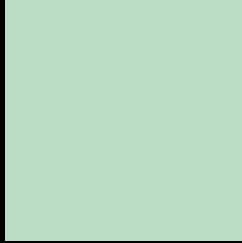
Large Text (above 18pt) WCAG AA × Fail

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 65.6462, 0.3063, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

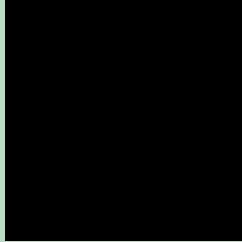
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

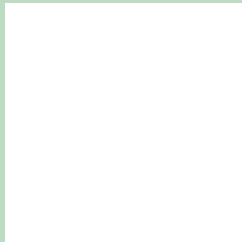
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6462, 0.3063, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 65.6462, 0.3063, 0.3602.

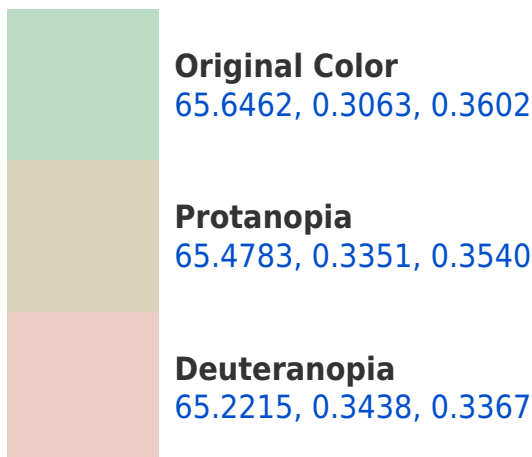


This preview shows how white text looks on a background with the Yxy color 65.6462, 0.3063, 0.3602.

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

65.7645, 0.2865, 0.3095

Trichromacy



Original Color

65.6462, 0.3063, 0.3602

Protanomaly

65.2646, 0.3241, 0.3557

Deuteranomaly

65.1388, 0.3294, 0.3449

Tritanomaly

65.7640, 0.2938, 0.3278

Monochromacy



Original Color

65.6462, 0.3063, 0.3602

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.6306, 0.3107, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6462, 0.3063, 0.3602 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(187, 220, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 220, 194)  
}
```

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(187, 220, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 220, 194) }
```

Border

The CSS property to change the border of an element to Yxy 65.6462, 0.3063, 0.3602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

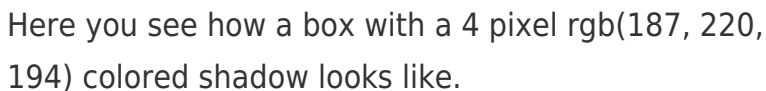
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 220, 194) }
```

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

```
.border{ border-color:rgb(187, 220, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 220, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 220, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 220, 194); box-shadow:4px 4px 4px 4px rgb(187, 220, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6462, 0.3063, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 220, 194) }
```

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

```
.background{ background-color: rgb(187,  
220, 194) }
```

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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