

Converting Colors

Yxy(64.3994, 0.3013, 0.3598)

Have a look what the booklet for
Yxy(64.3994, 0.3013, 0.3598)
contains.

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Color

Yxy(64.2614, 0.3015, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	B4DBC2
RGB	180, 219, 194
RGB Percent	71%, 86%, 76%
CMY	0.2940, 0.1412, 0.2392
CMYK	0.18, 0.00, 0.11, 0.14
HSL	142°, 35%, 78%
HSV	142°, 18%, 86%
XYZ	53.8938, 64.2614, 60.5970
YIQ	204.4890, -15.2190, -16.0430

Conversions

Conversions Part 2

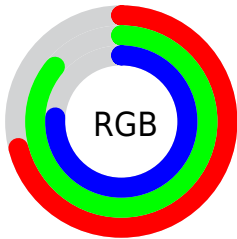
Format	Color
RYB	180, 209, 219
Decimal	11852738
CIELab	84.10, -17.63, 8.08
CIELCh	84, 19.392, 155.380
Yxy	64.2614, 0.3015, 0.3595
Android (android.graphics.Color)	4290042818 (0xFFB4DBC2)
YUV	204.4890, -5.1711, -21.4769
Hunter-Lab	80.1632, -20.2800, 11.2957

Details

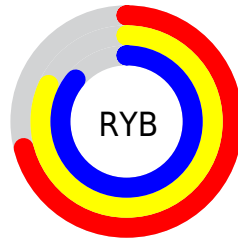
The Yxy color **64.2614, 0.3015, 0.3595** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1196, 0.3259, 0.3003**, and the grayscale version is **60.7528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2550, 0.3039, 0.3339**, and **32.9564, 0.2991, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **61.2379, 0.2955, 0.3795**, and if you desaturate by 10%, it is **67.7652, 0.3078, 0.3416**.

Distribution



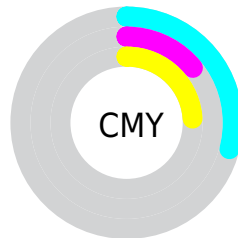
- Red (71%)
- Green (86%)
- Blue (76%)



- Red (71%)
- Yellow (82%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)





- Cyan (29%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2614, 0.3015, 0.3595 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 64.2614, 0.3015, 0.3595 by changing the saturation by 10% instead.

 64.2614, 0.3015,
0.3595

 64.2614, 0.3015,
0.3595


440.1330, 0.3070,
0.3447

 46.8624, 0.3002,
0.3630

 110.9873, 0.3035,
0.3542

 32.9269, 0.2985,
0.3675


141.0830, 0.3042,
0.3522

 22.0705, 0.2963,
0.3734


176.1798, 0.3048,
0.3505

 13.9087, 0.2933,
0.3813

216.6620, 0.3054,
0.3491

 8.0572, 0.2890,
0.3926

262.9140, 0.3059,
0.3478

 4.1316, 0.2823,
0.4101

315.3203, 0.3063,

 1.7474, 0.2703,

0.3466

0.4408

374.2651, 0.3066,
0.3456

0.4541, 0.0027,
0.9973

0.0000, 0.0000,
0.0000

64.2614, 0.3015,
0.3595

64.2614, 0.3015,
0.3595

61.2379, 0.2955,
0.3795

67.7652, 0.3078,
0.3416

58.6656, 0.2900,
0.4013

71.7611, 0.3141,
0.3257

56.5245, 0.2854,
0.4249

76.2703, 0.3204,
0.3117

54.7897, 0.2819,
0.4495

78.8379, 0.3175,
0.2985

■ 53.4340, 0.2799,
0.4746

■ 79.1438, 0.3144,
0.2940

■ 52.4265, 0.2797,
0.4991

■ 51.7310, 0.2812,
0.5220

■ 51.2979, 0.2844,
0.5424

■ 51.2211, 0.2851,
0.5465

Harmonies

Analogous

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



64.2614, 0.3259, 0.3711



64.2614, 0.3015, 0.3595



64.2614, 0.2806, 0.3387

Triad

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



64.2614, 0.3015, 0.3595



64.2614, 0.2783, 0.2891



64.2614, 0.3591, 0.3391

Complementary

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



64.2614, 0.3015, 0.3595



52.1196, 0.3259, 0.3003

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.



64.2614, 0.3453, 0.3186



64.2614, 0.3015, 0.3595



64.2614, 0.2982, 0.2904

Square

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



64.2614, 0.3015, 0.3595



64.2614, 0.2676, 0.2980



64.2614, 0.3228, 0.3011



64.2614, 0.3598, 0.3580

Rectangle

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



64.2614, 0.3015, 0.3595



64.2614, 0.2713, 0.3233



64.2614, 0.3228, 0.3011



64.2614, 0.3558, 0.3322

Sweetspot

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



64.2641, 0.3015, 0.3595



97.1458, 0.3095, 0.3370



66.9899, 0.3290, 0.3745



20.7104, 0.3091, 0.3382



0.0000, 0.0000, 0.0000



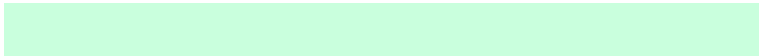
21.4041, 0.3127, 0.3290

Same Dimension

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



64.2641, 0.3015, 0.3595



89.2016, 0.2994, 0.3660



65.1813, 0.2896, 0.3359



14.6830, 0.3067, 0.3444



30.3903, 0.2844, 0.5437



1.9850, 0.2751, 0.5103

Inverse Universe

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



52.1196, 0.3259, 0.3003



69.2882, 0.3289, 0.2947



51.2500, 0.3420, 0.3222



13.1915, 0.3192, 0.3141



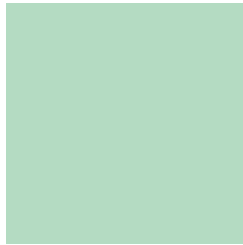
10.0829, 0.4366, 0.2179



0.6695, 0.4129, 0.2048

Previews

White Background



This preview shows how the Yxy color 64.2614, 0.3015, 0.3595 looks on a white background.

Color Contrast Check

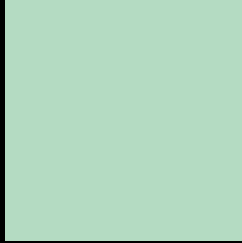
Large Text (above 18pt) WCAG AA × Fail

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 64.2614, 0.3015, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

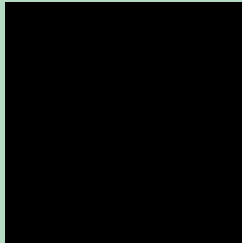
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

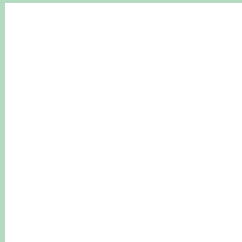
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2614, 0.3015, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 64.2614, 0.3015, 0.3595.

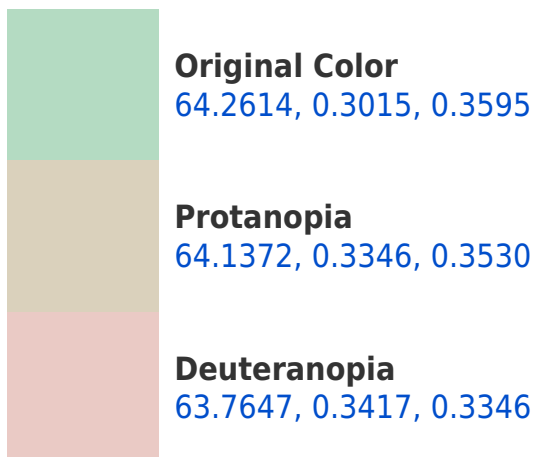


This preview shows how white text looks on a background with the Yxy color 64.2614, 0.3015, 0.3595.

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

64.4275, 0.2830, 0.3093

Trichromacy



Original Color

64.2614, 0.3015, 0.3595

Protanomaly

64.1436, 0.3219, 0.3560

Deuteranomaly

63.3934, 0.3258, 0.3428

Tritanomaly

64.3640, 0.2891, 0.3266

Monochromacy



Original Color

64.2614, 0.3015, 0.3595

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3732, 0.3085, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2614, 0.3015, 0.3595 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(180, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(180, 219, 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(180, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 219, 194) }
```

Border

The CSS property to change the border of an element to Yxy 64.2614, 0.3015, 0.3595 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(180, 219, 194) }
```

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

```
.border{ border-color:rgb(180, 219, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 219, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(180, 219,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2614, 0.3015, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 219, 194) }
```

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

```
.background{ background-color: rgb(180,  
219, 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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