

Converting Colors

$Yxy(63.2530, 0.3026, 0.3444)$

Have a look what the booklet for
Yxy(63.2530, 0.3026, 0.3444)
contains.

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Color

Yxy(63.0015, 0.3026, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	BCD6C9
RGB	188, 214, 201
RGB Percent	74%, 84%, 79%
CMY	0.2628, 0.1607, 0.2118
CMYK	0.12, 0.00, 0.06, 0.16
HSL	150°, 24%, 79%
HSV	150°, 12%, 84%
XYZ	55.3228, 63.0015, 64.5007
YIQ	204.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

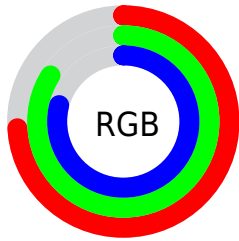
Format	Color
R _{YB}	188, 205, 214
Decimal	12375753
CIE Lab	83.44, -11.16, 3.48
CIE LCh	83, 11.695, 162.669
Yxy	63.0015, 0.3026, 0.3446
Android (android.graphics.Color)	4290565833 (0xFFBCD6C9)
YUV	204.7440, -1.8458, -14.6845
Hunter-Lab	79.3735, -14.4902, 7.3811

Details

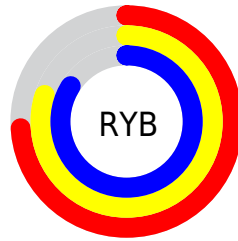
The Yxy color **63.0015, 0.3026, 0.3446** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4699, 0.3242, 0.3139**, and the grayscale version is **60.8952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **32.0538, 0.3005, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **59.9991, 0.2946, 0.3591**, and if you desaturate by 10%, it is **66.4473, 0.3109, 0.3316**.

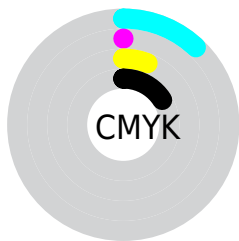
Distribution



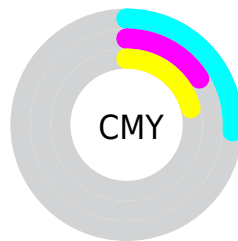
- Red (74%)
- Green (84%)
- Blue (79%)



- Red (74%)
- Yellow (80%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0015, 0.3026, 0.3446 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 63.0015, 0.3026, 0.3446 by changing the saturation by 10% instead.

■ 63.0015, 0.3026,
0.3446

■ 63.0015, 0.3026,
0.3446

435.5749, 0.3075,
0.3371

■ 45.8424, 0.3014,
0.3464

■ 109.1717, 0.3043,
0.3419

■ 32.1215, 0.3000,
0.3486

138.9516, 0.3050,
0.3409

■ 21.4543, 0.2981,
0.3515

173.7072, 0.3055,
0.3401

■ 13.4565, 0.2956,
0.3555

213.8229, 0.3060,
0.3393

■ 7.7436, 0.2920,
0.3611

259.6832, 0.3064,
0.3387

■ 3.9313, 0.2866,
0.3697

311.6723, 0.3068,

■ 1.6352, 0.2772,

0.3381

370.1748, 0.3072,
0.3376

0.3845

0.3812, 0.1397,
0.5934

0.0000, 0.0000,
0.0000

63.0015, 0.3026,
0.3446

63.0015, 0.3026,
0.3446

59.9991, 0.2946,
0.3591

66.4473, 0.3109,
0.3316

57.4137, 0.2871,
0.3750


70.3458, 0.3193,
0.3201

55.2282, 0.2804,
0.3923

74.7160, 0.3276,
0.3099


53.4214, 0.2750,
0.4108


75.8777, 0.3222,
0.2996


 51.9698, 0.2710,
0.4301


 76.5458, 0.3149,
0.2896

 50.8473, 0.2688,
0.4498

 76.5791, 0.3146,
0.2891

 50.0238, 0.2686,
0.4694

 49.4637, 0.2704,
0.4882

 49.1616, 0.2729,
0.5023

Harmonies

Analogous

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



63.0015, 0.3174, 0.3531



63.0015, 0.3026, 0.3446



63.0015, 0.2907, 0.3317

Triad

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



63.0015, 0.3026, 0.3446



63.0015, 0.2942, 0.3041



63.0015, 0.3416, 0.3386

Complementary

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



63.0015, 0.3026, 0.3446



54.4699, 0.3242, 0.3139

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.



63.0015, 0.3351, 0.3258



63.0015, 0.3026, 0.3446



63.0015, 0.3075, 0.3063

Square

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



63.0015, 0.3026, 0.3446



63.0015, 0.2860, 0.3083



63.0015, 0.3225, 0.3141



63.0015, 0.3401, 0.3492

Rectangle

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



63.0015, 0.3026, 0.3446



63.0015, 0.2860, 0.3226



63.0015, 0.3225, 0.3141



63.0015, 0.3402, 0.3344

Sweetspot

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



63.0042, 0.3026, 0.3446



97.7925, 0.3093, 0.3339



64.1454, 0.3209, 0.3598



20.8454, 0.3087, 0.3349



0.0000, 0.0000, 0.0000



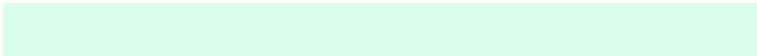
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0042, 0.3026, 0.3446



92.2827, 0.3002, 0.3488



63.6429, 0.2942, 0.3289



13.9986, 0.3049, 0.3409



29.7323, 0.2721, 0.4997



1.8100, 0.2633, 0.4680

Inverse Universe

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



54.4699, 0.3242, 0.3139



76.8054, 0.3274, 0.3100



53.8831, 0.3346, 0.3291



12.5233, 0.3214, 0.3174



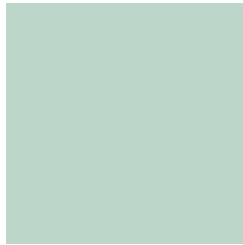
9.3033, 0.4948, 0.2499



0.5778, 0.4567, 0.2290

Previews

White Background



This preview shows how the Yxy color 63.0015, 0.3026, 0.3446 looks on a white background.

Color Contrast Check

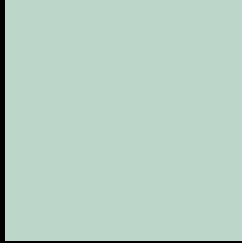
Large Text (above 18pt) WCAG AA × Fail

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 63.0015, 0.3026, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

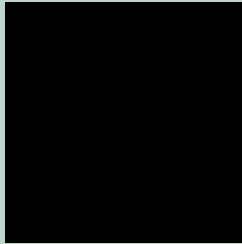
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

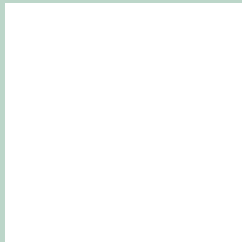
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0015, 0.3026, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 63.0015, 0.3026, 0.3446.

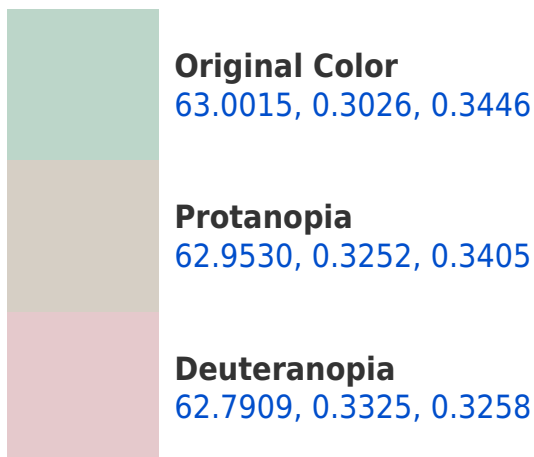


This preview shows how white text looks on a background with the Yxy color 63.0015, 0.3026, 0.3446.

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

62.8457, 0.2886, 0.3093

Trichromacy



Original Color

63.0015, 0.3026, 0.3446

Protanomaly

63.1495, 0.3173, 0.3430

Deuteranomaly

62.7506, 0.3210, 0.3324

Tritanomaly

62.7269, 0.2937, 0.3207

Monochromacy



Original Color

63.0015, 0.3026, 0.3446

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6135, 0.3088, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0015, 0.3026, 0.3446 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(188, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(188, 214, 201)  
}
```

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(188, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 214, 201) }
```

Border

The CSS property to change the border of an element to Yxy 63.0015, 0.3026, 0.3446 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(188, 214, 201) }
```

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

```
.border{ border-color:rgb(188, 214, 201) }
```

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

Here you see how a box with a 4 pixel rgb(188, 214, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(188, 214,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0015, 0.3026, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 214, 201) }
```

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

```
.background{ background-color: rgb(188,  
214, 201) }
```

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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