

Converting Colors

$Yxy(64.0756, 0.3032, 0.3512)$

Have a look what the booklet for
Yxy(64.0756, 0.3032, 0.3512)
contains.

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Color

Yxy(64.1420, 0.3031, 0.3519)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | BAD9C6 |
| RGB | 186, 217, 198 |
| RGB Percent | 73%, 85%, 78% |
| CMY | 0.2707, 0.1490, 0.2236 |
| CMYK | 0.14, 0.00, 0.09, 0.15 |
| HSL | 143°, 29%, 79% |
| HSV | 143°, 14%, 85% |
| XYZ | 55.2471, 64.1420, 62.8843 |
| YIQ | 205.5650, -12.3770, -12.4810 |

Conversions

Conversions Part 2

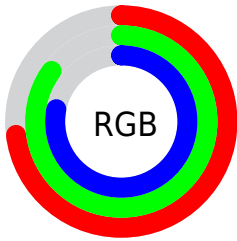
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 186, 208, 217 |
| Decimal | 12245446 |
| CIELab | 84.04, -13.93, 5.93 |
| CIELCh | 84, 15.135, 156.944 |
| Yxy | 64.1420, 0.3031, 0.3519 |
| Android (android.graphics.Color) | 4290435526 (0xFFBAD9C6) |
| YUV | 205.5650, -3.7295, -17.1585 |
| Hunter-Lab | 80.0887, -17.0218, 9.5086 |

Details

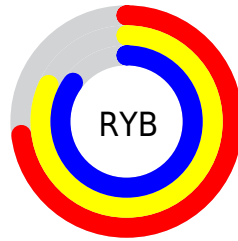
The Yxy color **64.1420, 0.3031, 0.3519** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2639, 0.3237, 0.3072**, and the grayscale version is **61.4560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **32.8408, 0.3012, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **61.0435, 0.2966, 0.3702**, and if you desaturate by 10%, it is **67.7125, 0.3098, 0.3355**.

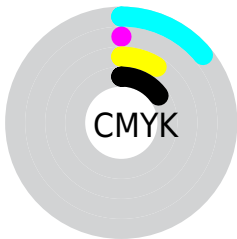
Distribution



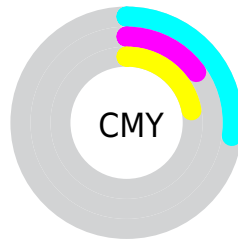
- Red (73%)
- Green (85%)
- Blue (78%)



- Red (73%)
- Yellow (82%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)





- Cyan (27%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1420, 0.3031, 0.3519 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 64.1420, 0.3031, 0.3519 by changing the saturation by 10% instead.


 64.1420, 0.3031,
0.3519

 64.1420, 0.3031,
0.3519


439.7022, 0.3077,
0.3409

 46.7657, 0.3020,
0.3545

 110.8154, 0.3048,
0.3480

 32.8505, 0.3006,
0.3579


140.8813, 0.3054,
0.3465

 22.0119, 0.2988,
0.3622


175.9459, 0.3059,
0.3452

 13.8657, 0.2963,
0.3680

216.3935, 0.3064,
0.3441

 8.0273, 0.2928,
0.3763

262.6085, 0.3068,
0.3431

 4.1124, 0.2873,
0.3891


314.9754, 0.3071,

 1.7366, 0.2778,


0.3423


0.4112


373.8785, 0.3075,
0.3415


 0.4472, 0.1407,
0.7394


 0.0000, 0.0000,
0.0000


 64.1420, 0.3031,
0.3519


 64.1420, 0.3031,
0.3519


 61.0435, 0.2966,
0.3702


 67.7125, 0.3098,
0.3355


 58.3891, 0.2906,
0.3904

 71.7657, 0.3165,
0.3209

 56.1599, 0.2853,
0.4123

 76.3219, 0.3232,
0.3082

 54.3328, 0.2812,
0.4356

 77.8705, 0.3170,
0.2956

■ 52.8823, 0.2784,
0.4595

■ 78.1137, 0.3145,
0.2920

■ 51.7797, 0.2774,
0.4834

■ 50.9922, 0.2782,
0.5063

■ 50.4798, 0.2809,
0.5274

■ 50.2740, 0.2829,
0.5383

Harmonies

Analogous

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



64.1420, 0.3222, 0.3614



64.1420, 0.3031, 0.3519



64.1420, 0.2869, 0.3358

Triad

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



64.1420, 0.3031, 0.3519



64.1420, 0.2864, 0.2975



64.1420, 0.3491, 0.3380

Complementary

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



64.1420, 0.3031, 0.3519



54.2639, 0.3237, 0.3072

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.



64.1420, 0.3389, 0.3218



64.1420, 0.3031, 0.3519



64.1420, 0.3024, 0.2988

Square

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



64.1420, 0.3031, 0.3519



64.1420, 0.2775, 0.3043



64.1420, 0.3217, 0.3076



64.1420, 0.3492, 0.3526

Rectangle

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



64.1420, 0.3031, 0.3519



64.1420, 0.2798, 0.3238



64.1420, 0.3217, 0.3076



64.1420, 0.3467, 0.3326

Sweetspot

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



64.1447, 0.3031, 0.3519



97.7204, 0.3100, 0.3351



66.1724, 0.3250, 0.3653



20.8272, 0.3095, 0.3362



0.0000, 0.0000, 0.0000



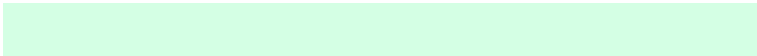
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1447, 0.3031, 0.3519



91.0905, 0.3012, 0.3569



64.8923, 0.2933, 0.3332



14.6893, 0.3064, 0.3437



30.4475, 0.2821, 0.5356



1.9891, 0.2729, 0.5024

Inverse Universe

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



54.2639, 0.3237, 0.3072



74.3581, 0.3262, 0.3026



53.5560, 0.3361, 0.3248



13.1850, 0.3197, 0.3148



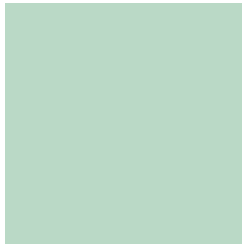
9.9762, 0.4481, 0.2242



0.6630, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 64.1420, 0.3031, 0.3519 looks on a white background.

Color Contrast Check

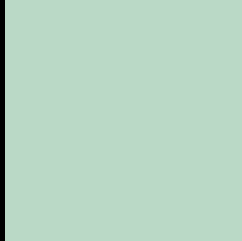
Large Text (above 18pt) WCAG AA × Fail

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 64.1420, 0.3031, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

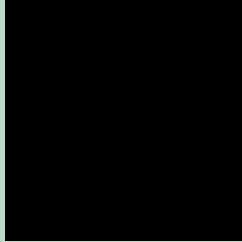
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

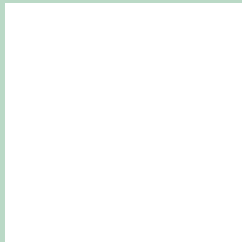
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1420, 0.3031, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 64.1420, 0.3031, 0.3519.

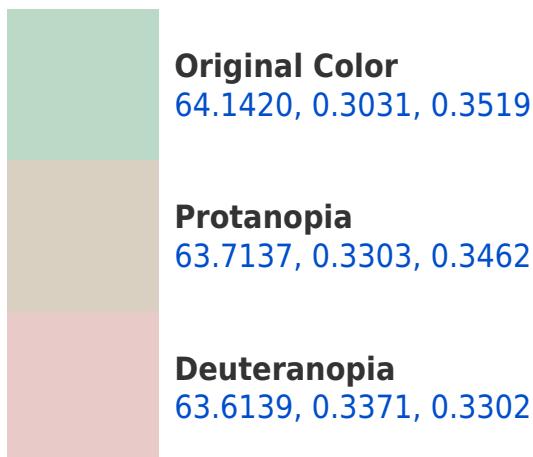


This preview shows how white text looks on a background with the Yxy color 64.1420, 0.3031, 0.3519.

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

63.8205, 0.2868, 0.3093

Trichromacy



Original Color

64.1420, 0.3031, 0.3519

Protanomaly

63.6505, 0.3201, 0.3477

Deuteranomaly

63.2429, 0.3238, 0.3370

Tritanomaly

63.9739, 0.2924, 0.3242

Monochromacy



Original Color

64.1420, 0.3031, 0.3519

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5471, 0.3094, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1420, 0.3031, 0.3519 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(186, 217, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 217, 198)  
}
```

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(186, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 217, 198) }
```

Border

The CSS property to change the border of an element to Yxy 64.1420, 0.3031, 0.3519 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(186, 217, 198) }
```

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

```
.border{ border-color:rgb(186, 217, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 217, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 217, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 217, 198);  
box-shadow:4px 4px 4px 4px rgb(186, 217,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1420, 0.3031, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 217, 198) }
```

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

```
.background{ background-color: rgb(186,  
217, 198) }
```

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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