

Converting Colors

Yxy(65.7557, 0.3119, 0.3630)

Have a look what the booklet for
Yxy(65.7557, 0.3119, 0.3630)
contains.

| | |
|--|----|
| Yxy(65.6311, 0.3119, 0.3624) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(65.6311, 0.3119, 0.3624)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C0DBBF |
| RGB | 192, 219, 191 |
| RGB Percent | 75%, 86%, 75% |
| CMY | 0.2468, 0.1412, 0.2509 |
| CMYK | 0.12, 0.00, 0.13, 0.14 |
| HSL | 118°, 28%, 80% |
| HSV | 118°, 13%, 86% |
| XYZ | 56.4855, 65.6311, 58.9847 |
| YIQ | 207.7350, -7.1040, -14.4320 |

Conversions

Conversions Part 2

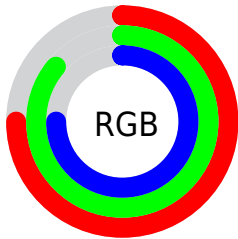
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 191, 219, 218 |
| Decimal | 12639167 |
| CIE Lab | 84.81, -14.14, 10.77 |
| CIE LCh | 85, 17.775, 142.714 |
| Yxy | 65.6311, 0.3119, 0.3624 |
| Android (android.graphics.Color) | 4290829247 (0xFFC0DBBF) |
| YUV | 207.7350, -8.2504, -13.7996 |
| Hunter-Lab | 81.0130, -17.3155, 13.5407 |

Details

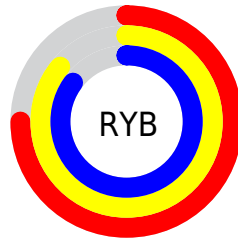
The Yxy color **65.6311, 0.3119, 0.3624** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.2745, 0.3134, 0.2976**, and the grayscale version is **62.9619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3751, 0.3136, 0.3367**, and **33.7892, 0.3108, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **62.1826, 0.3111, 0.3924**, and if you desaturate by 10%, it is **69.6233, 0.3126, 0.3358**.

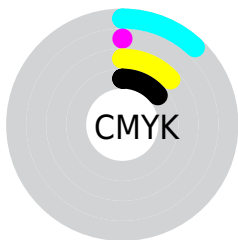
Distribution



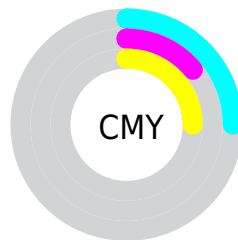
- Red (75%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (86%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)





- Cyan (25%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6311, 0.3119, 0.3624 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 65.6311, 0.3119, 0.3624 by changing the saturation by 10% instead.


 65.6311, 0.3119,
0.3624

 65.6311, 0.3119,
0.3624

445.0564, 0.3125,
0.3463

 47.9730, 0.3117,
0.3662


 112.9567, 0.3121,
0.3567

 33.8055, 0.3115,
0.3711


143.3930, 0.3122,
0.3545

 22.7442, 0.3111,
0.3774


178.8575, 0.3123,
0.3526

 14.4048, 0.3106,
0.3859

219.7345, 0.3123,
0.3510

 8.4027, 0.3096,
0.3980

266.4085, 0.3124,
0.3496

 4.3537, 0.3079,
0.4166

319.2639, 0.3124,

 1.8733, 0.3041,

0.3484

0.4485

378.6851, 0.3124,
0.3473

0.5323, 0.2319,
0.7681

0.0000, 0.0000,
0.0000

65.6311, 0.3119,
0.3624

65.6311, 0.3119,
0.3624

62.1826, 0.3111,
0.3924

69.6233, 0.3126,
0.3358

59.2464, 0.3100,
0.4254

74.1725, 0.3131,
0.3125

56.8005, 0.3087,
0.4605

79.1375, 0.3144,
0.2940

54.8184, 0.3073,
0.4961

■ 53.2706, 0.3057,
0.5298

■ 52.1246, 0.3040,
0.5589

■ 51.3431, 0.3025,
0.5809

■ 50.8821, 0.3012,
0.5943

■ 50.7107, 0.3006,
0.5995

Harmonies

Analogous

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



65.6311, 0.3338, 0.3683



65.6311, 0.3119, 0.3624



65.6311, 0.2908, 0.3465

Triad

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



65.6311, 0.3119, 0.3624



65.6311, 0.2760, 0.2949



65.6311, 0.3509, 0.3304

Complementary

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



65.6311, 0.3119, 0.3624



57.2745, 0.3134, 0.2976

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.



65.6311, 0.3344, 0.3122



65.6311, 0.3119, 0.3624



65.6311, 0.2910, 0.2921

Square

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



65.6311, 0.3119, 0.3624



65.6311, 0.2705, 0.3069



65.6311, 0.3123, 0.2985



65.6311, 0.3568, 0.3488

Rectangle

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



65.6311, 0.3119, 0.3624



65.6311, 0.2799, 0.3328



65.6311, 0.3123, 0.2985



65.6311, 0.3464, 0.3241

Sweetspot

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



65.6339, 0.3119, 0.3624



97.5459, 0.3125, 0.3389



68.7510, 0.3319, 0.3589



20.7831, 0.3124, 0.3409



0.0000, 0.0000, 0.0000



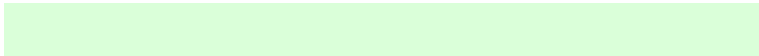
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6339, 0.3119, 0.3624



91.4514, 0.3117, 0.3692



66.0754, 0.3030, 0.3472



14.6295, 0.3121, 0.3531



30.0829, 0.3009, 0.5993



1.9573, 0.3035, 0.5972

Inverse Universe

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



57.2745, 0.3134, 0.2976



77.7049, 0.3135, 0.2917



56.7990, 0.3238, 0.3115



13.2486, 0.3132, 0.3059



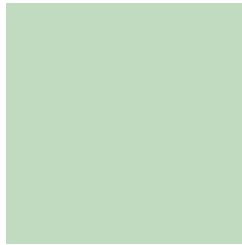
11.2343, 0.3116, 0.1490



0.7358, 0.3132, 0.1499

Previews

White Background



This preview shows how the Yxy color 65.6311, 0.3119, 0.3624 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 65.6311, 0.3119, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

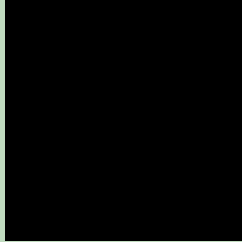
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

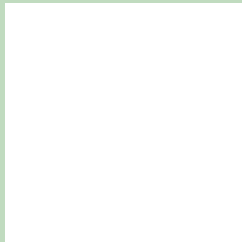
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6311, 0.3119, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 65.6311, 0.3119, 0.3624.



This preview shows how white text looks on a background with the Yxy color 65.6311, 0.3119, 0.3624.

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



Original Color

65.6311, 0.3119, 0.3624

Protanopia

65.5485, 0.3374, 0.3562

Deuteranopia

65.2579, 0.3469, 0.3399



Tritanopia

65.3074, 0.2910, 0.3096

Trichromacy



Original Color

65.6311, 0.3119, 0.3624

Protanomaly

65.4256, 0.3277, 0.3591

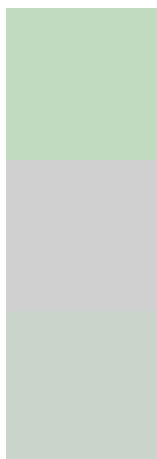
Deuteranomaly

64.8233, 0.3333, 0.3471

Tritanomaly

65.2945, 0.2985, 0.3278

Monochromacy



Original Color

65.6311, 0.3119, 0.3624

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9078, 0.3122, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6311, 0.3119, 0.3624 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(192, 219, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 219, 191)  
}
```

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(192, 219, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 219, 191) }
```

Border

The CSS property to change the border of an element to Yxy 65.6311, 0.3119, 0.3624 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(192, 219, 191) }
```

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

```
.border{ border-color:rgb(192, 219, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 219, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 219, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 219, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 219,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6311, 0.3119, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 219, 191) }
```

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

```
.background{ background-color: rgb(192,  
219, 191) }
```

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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