

Converting Colors

$Yxy(65.3711, 0.3123, 0.3595)$

Have a look what the booklet for
Yxy(65.3711, 0.3123, 0.3595)
contains.

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Color

Yxy(65.4179, 0.3127, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	C2DAC0
RGB	194, 218, 192
RGB Percent	76%, 85%, 75%
CMY	0.2391, 0.1451, 0.2470
CMYK	0.11, 0.00, 0.12, 0.15
HSL	115°, 26%, 80%
HSV	115°, 12%, 85%
XYZ	56.8385, 65.4179, 59.5105
YIQ	207.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

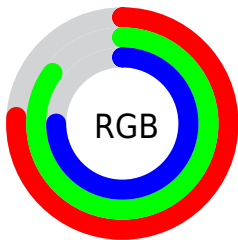
Format	Color
RYB	192, 218, 216
Decimal	12769984
CIELab	84.70, -12.80, 10.10
CIELCh	85, 16.301, 141.727
Yxy	65.4179, 0.3127, 0.3599
Android (android.graphics.Color)	4290960064 (0xFFC2DAC0)
YUV	207.8600, -7.8190, -12.1552
Hunter-Lab	80.8813, -16.1033, 12.9928

Details

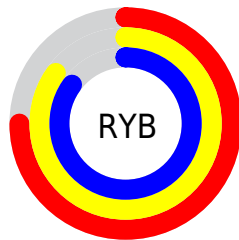
The Yxy color **65.4179, 0.3127, 0.3599** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.3687, 0.3125, 0.2997**, and the grayscale version is **63.0395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8065, 0.3143, 0.3357**, and **33.6339, 0.3119, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **62.0395, 0.3125, 0.3894**, and if you desaturate by 10%, it is **69.3056, 0.3127, 0.3337**.

Distribution



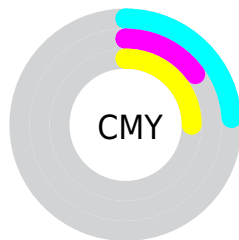
- Red (76%)
- Green (85%)
- Blue (75%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (24%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4179, 0.3127, 0.3599 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 65.4179, 0.3127, 0.3599 by changing the saturation by 10% instead.

 65.4179, 0.3127,
0.3599

 65.4179, 0.3127,
0.3599


444.2922, 0.3129,
0.3450

 47.8000, 0.3126,
0.3635

 112.6505, 0.3128,
0.3546

 33.6685, 0.3125,
0.3679


143.0339, 0.3128,
0.3526

 22.6391, 0.3123,
0.3737

178.4414, 0.3128,
0.3509

 14.3272, 0.3120,
0.3816

219.2572, 0.3128,
0.3494

 8.3486, 0.3114,
0.3927

265.8658, 0.3128,
0.3481

 4.3188, 0.3103,
0.4098

318.6516, 0.3129,

 1.8535, 0.3076,

0.3469

0.4391

377.9989, 0.3129,
0.3459

0.5202, 0.2592,
0.7408

0.0000, 0.0000,
0.0000

65.4179, 0.3127,
0.3599

65.4179, 0.3127,
0.3599

62.0395, 0.3125,
0.3894

69.3056, 0.3127,
0.3337

59.1414, 0.3120,
0.4219

73.7136, 0.3126,
0.3107

56.7042, 0.3112,
0.4565

78.5065, 0.3140,
0.2930

54.7042, 0.3100,
0.4917

78.6225, 0.3144,
0.2930

■ 53.1154, 0.3085,
0.5254

■ 51.9091, 0.3067,
0.5549

■ 51.0528, 0.3047,
0.5777

■ 50.5087, 0.3027,
0.5924

■ 50.2595, 0.3014,
0.5989

Harmonies

Analogous

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



65.4179, 0.3327, 0.3650



65.4179, 0.3127, 0.3599



65.4179, 0.2932, 0.3456

Triad

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



65.4179, 0.3127, 0.3599



65.4179, 0.2786, 0.2979



65.4179, 0.3474, 0.3297

Complementary

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



65.4179, 0.3127, 0.3599



57.3687, 0.3125, 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.



65.4179, 0.3320, 0.3131



65.4179, 0.3127, 0.3599



65.4179, 0.2922, 0.2950

Square

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



65.4179, 0.3127, 0.3599



65.4179, 0.2739, 0.3093



65.4179, 0.3117, 0.3006



65.4179, 0.3531, 0.3468

Rectangle

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



65.4179, 0.3127, 0.3599



65.4179, 0.2830, 0.3331



65.4179, 0.3117, 0.3006



65.4179, 0.3431, 0.3239

Sweetspot

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



65.4207, 0.3127, 0.3599



97.6181, 0.3127, 0.3389



67.7389, 0.3307, 0.3559



20.8013, 0.3127, 0.3409



0.0000, 0.0000, 0.0000



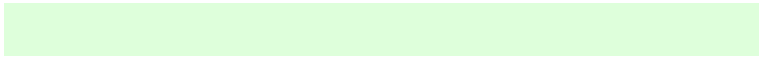
21.4041, 0.3127, 0.3290

Same Dimension

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



65.4207, 0.3127, 0.3599



92.1871, 0.3127, 0.3661



65.6558, 0.3042, 0.3469



14.6538, 0.3127, 0.3531



30.1289, 0.3018, 0.5986



1.9690, 0.3071, 0.5944

Inverse Universe

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



57.3687, 0.3125, 0.2997



78.7827, 0.3124, 0.2941



57.1265, 0.3223, 0.3118



13.2213, 0.3126, 0.3059



10.5130, 0.3018, 0.1436



0.6966, 0.3051, 0.1454

Previews

White Background



This preview shows how the Yxy color 65.4179, 0.3127, 0.3599 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 65.4179, 0.3127, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

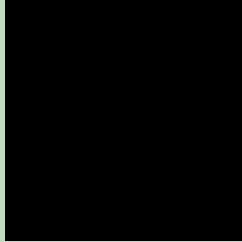
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

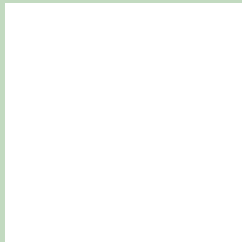
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4179, 0.3127, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 65.4179, 0.3127, 0.3599.



This preview shows how white text looks on a background with the Yxy color 65.4179, 0.3127, 0.3599.

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

65.4179, 0.3127, 0.3599

Protanopia

64.9397, 0.3360, 0.3540

Deuteranopia

65.1304, 0.3453, 0.3389



Tritanopia

65.5250, 0.2930, 0.3108

Trichromacy



Original Color

65.4179, 0.3127, 0.3599

Protanomaly

65.1115, 0.3279, 0.3568

Deuteranomaly

64.8681, 0.3326, 0.3460

Tritanomaly

65.5645, 0.2999, 0.3278

Monochromacy



Original Color

65.4179, 0.3127, 0.3599

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0477, 0.3129, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4179, 0.3127, 0.3599 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(194, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 218, 192)  
}
```

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(194, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 218, 192) }
```

Border

The CSS property to change the border of an element to Yxy 65.4179, 0.3127, 0.3599 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(194, 218, 192) }
```

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

```
.border{ border-color:rgb(194, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 218,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4179, 0.3127, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 218, 192) }
```

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

```
.background{ background-color: rgb(194,  
218, 192) }
```

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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