

Converting Colors

Yxy(63.4719, 0.3138, 0.3500)

Have a look what the booklet for
Yxy(63.4719, 0.3138, 0.3500)
contains.

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Color

Yxy(63.5344, 0.3139, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	C6D5C3
RGB	198, 213, 195
RGB Percent	78%, 84%, 76%
CMY	0.2236, 0.1647, 0.2352
CMYK	0.07, 0.00, 0.08, 0.16
HSL	110°, 18%, 80%
HSV	110°, 8%, 84%
XYZ	56.9325, 63.5344, 60.9045
YIQ	206.4630, -3.1620, -8.7780

Conversions

Conversions Part 2

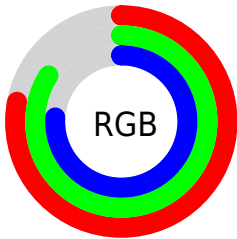
Format	Color
RYB	195, 213, 210
Decimal	13030851
CIELab	83.72, -8.36, 7.15
CIELCh	84, 10.998, 139.468
Yxy	63.5344, 0.3139, 0.3503
Android (android.graphics.Color)	4291220931 (0xFFC6D5C3)
YUV	206.4630, -5.6513, -7.4221
Hunter-Lab	79.7085, -11.9946, 10.4930

Details

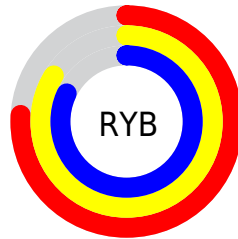
The Yxy color **63.5344, 0.3139, 0.3503** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5521, 0.3114, 0.3083**, and the grayscale version is **62.0732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **32.3061, 0.3144, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **60.3643, 0.3151, 0.3784**, and if you desaturate by 10%, it is **67.1313, 0.3125, 0.3253**.

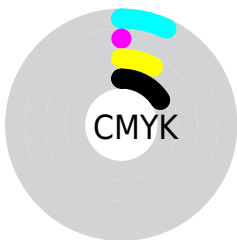
Distribution



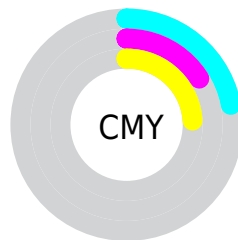
- Red (78%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5344, 0.3139, 0.3503 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 63.5344, 0.3139, 0.3503 by changing the saturation by 10% instead.

■ 63.5344, 0.3139,
0.3503

■ 63.5344, 0.3139,
0.3503

437.5063, 0.3134,
0.3401

■ 46.2737, 0.3140,
0.3527

109.9401, 0.3137,
0.3467

■ 32.4618, 0.3141,
0.3558

139.8539, 0.3137,
0.3453

■ 21.7145, 0.3142,
0.3598

174.7542, 0.3136,
0.3441

■ 13.6473, 0.3144,
0.3652

215.0253, 0.3136,
0.3431

■ 7.8757, 0.3145,
0.3728

261.0517, 0.3135,
0.3422

■ 4.0155, 0.3146,
0.3846

313.2177, 0.3135,

■ 1.6823, 0.3143,

0.3414

0.4048

371.9078, 0.3134,
0.3407

0.4121, 0.3129,
0.6871

0.0000, 0.0000,
0.0000

63.5344, 0.3139,
0.3503

63.5344, 0.3139,
0.3503

60.3643, 0.3151,
0.3784

67.1313, 0.3125,
0.3253

57.5973, 0.3161,
0.4092

71.1615, 0.3110,
0.3033

55.2195, 0.3165,
0.4424

75.3865, 0.3121,
0.2877

53.2132, 0.3164,
0.4766

76.0719, 0.3146,
0.2881

■ 51.5593, 0.3155,
0.5101

■ 50.2371, 0.3138,
0.5408

■ 49.2235, 0.3114,
0.5661

■ 48.4921, 0.3083,
0.5844

■ 48.0092, 0.3050,
0.5950

Harmonies

Analogous

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



63.5344, 0.3274, 0.3534



63.5344, 0.3139, 0.3503



63.5344, 0.3004, 0.3411

Triad

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



63.5344, 0.3139, 0.3503



63.5344, 0.2888, 0.3082



63.5344, 0.3357, 0.3288

Complementary

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



63.5344, 0.3139, 0.3503



57.5521, 0.3114, 0.3083

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.



63.5344, 0.3249, 0.3173



63.5344, 0.3139, 0.3503



63.5344, 0.2979, 0.3055

Square

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



63.5344, 0.3139, 0.3503



63.5344, 0.2861, 0.3165



63.5344, 0.3111, 0.3089



63.5344, 0.3401, 0.3406

Rectangle

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



63.5344, 0.3139, 0.3503



63.5344, 0.2931, 0.3329



63.5344, 0.3111, 0.3089



63.5344, 0.3327, 0.3248

Sweetspot

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



63.5371, 0.3139, 0.3503



98.3255, 0.3132, 0.3364



64.1860, 0.3255, 0.3462



20.9521, 0.3133, 0.3384



0.0000, 0.0000, 0.0000



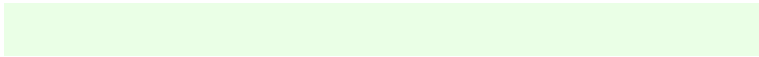
21.4041, 0.3127, 0.3290

Same Dimension

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



63.5371, 0.3139, 0.3503



94.6477, 0.3141, 0.3547



63.4148, 0.3077, 0.3432



13.9934, 0.3140, 0.3529



29.3185, 0.3052, 0.5959



1.7994, 0.3155, 0.5877

Inverse Universe

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



57.5521, 0.3114, 0.3083



84.0069, 0.3110, 0.3041



57.6928, 0.3181, 0.3152



12.5242, 0.3112, 0.3058



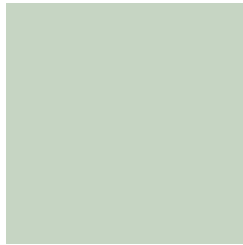
8.7453, 0.2798, 0.1315



0.5557, 0.2873, 0.1356

Previews

White Background



This preview shows how the Yxy color 63.5344, 0.3139, 0.3503 looks on a white background.

Color Contrast Check

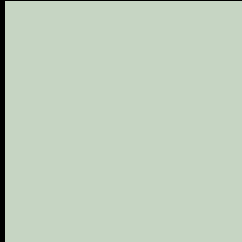
Large Text (above 18pt) WCAG AA × Fail

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 63.5344, 0.3139, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

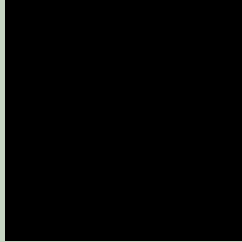
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

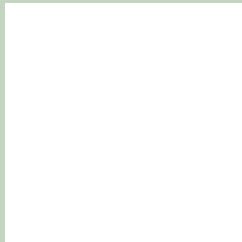
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5344, 0.3139, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 63.5344, 0.3139, 0.3503.



This preview shows how white text looks on a background with the Yxy color 63.5344, 0.3139, 0.3503.

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

63.5344, 0.3139, 0.3503

Protanopia

63.5165, 0.3303, 0.3474

Deuteranopia

63.1281, 0.3411, 0.3335



Tritanopia

63.7337, 0.2976, 0.3108

Trichromacy



Original Color

63.5344, 0.3139, 0.3503

Protanomaly

63.4988, 0.3239, 0.3488

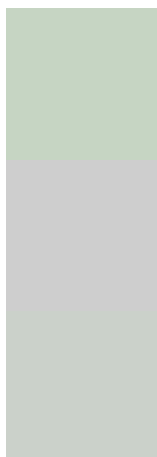
Deuteranomaly

62.8638, 0.3309, 0.3393

Tritanomaly

63.3657, 0.3034, 0.3243

Monochromacy



Original Color

63.5344, 0.3139, 0.3503

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5617, 0.3131, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5344, 0.3139, 0.3503 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(198, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(198, 213, 195)  
}
```

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(198, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 213, 195) }
```

Border

The CSS property to change the border of an element to Yxy 63.5344, 0.3139, 0.3503 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(198, 213, 195) }
```

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

```
.border{ border-color:rgb(198, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(198, 213,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5344, 0.3139, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 213, 195) }
```

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

```
.background{ background-color: rgb(198,  
213, 195) }
```

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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