

Converting Colors

Yxy(63.9878, 0.3136, 0.3539)

Have a look what the booklet for
Yxy(63.9878, 0.3136, 0.3539)
contains.

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Color

Yxy(63.7239, 0.3131, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	C4D6C2
RGB	196, 214, 194
RGB Percent	77%, 84%, 76%
CMY	0.2312, 0.1608, 0.2393
CMYK	0.08, 0.00, 0.09, 0.16
HSL	114°, 20%, 80%
HSV	114°, 9%, 84%
XYZ	56.5532, 63.7239, 60.3462
YIQ	206.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

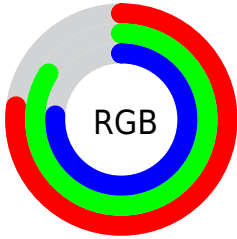
Format	Color
RYB	194, 214, 212
Decimal	12900034
CIELab	83.82, -9.72, 7.82
CIElCh	84, 12.481, 141.183
Yxy	63.7239, 0.3131, 0.3528
Android (android.graphics.Color)	4291090114 (0xFFC4D6C2)
YUV	206.3380, -6.0826, -9.0664
Hunter-Lab	79.8273, -13.2404, 11.0582

Details

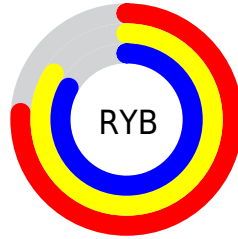
The Yxy color **63.7239, 0.3131, 0.3528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4196, 0.3122, 0.3061**, and the grayscale version is **61.9948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3048, 0.3144, 0.3338**, and **32.4405, 0.3132, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **60.4198, 0.3133, 0.3814**, and if you desaturate by 10%, it is **67.5017, 0.3127, 0.3275**.

Distribution



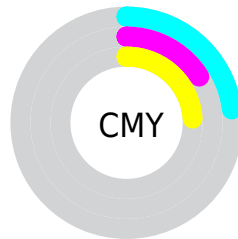
- Red (77%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)




- Cyan (23%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7239, 0.3131, 0.3528 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 63.7239, 0.3131, 0.3528 by changing the saturation by 10% instead.


 63.7239, 0.3131,
0.3528

 63.7239, 0.3131,
0.3528

438.1919, 0.3130,
0.3413

 46.4271, 0.3131,
0.3555


 110.2132, 0.3131,
0.3487

 32.5830, 0.3131,
0.3590


140.1745, 0.3131,
0.3472

 21.8072, 0.3130,
0.3635


175.1261, 0.3131,
0.3458

 13.7153, 0.3129,
0.3695

215.4523, 0.3131,
0.3447

 7.9229, 0.3127,
0.3781

261.5376, 0.3130,
0.3437

 4.0457, 0.3123,
0.3913

313.7664, 0.3130,

 1.6991, 0.3109,

0.3428

372.5230, 0.3130,
0.3420

0.4142

0.4231, 0.2803,
0.7197

0.0000, 0.0000,
0.0000

63.7239, 0.3131,
0.3528

63.7239, 0.3131,
0.3528

60.4198, 0.3133,
0.3814

67.5017, 0.3127,
0.3275

57.5629, 0.3133,
0.4129

71.7623, 0.3121,
0.3053

55.1364, 0.3129,
0.4468

76.3183, 0.3136,
0.2889

53.1194, 0.3121,
0.4818

76.5724, 0.3146,
0.2891

■ 51.4891, 0.3107,
0.5158

■ 50.2207, 0.3089,
0.5465

■ 49.2861, 0.3068,
0.5713

■ 48.6535, 0.3044,
0.5884

■ 48.2795, 0.3023,
0.5978

Harmonies

Analogous

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



63.7239, 0.3285, 0.3567



63.7239, 0.3131, 0.3528



63.7239, 0.2979, 0.3420

Triad

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



63.7239, 0.3131, 0.3528



63.7239, 0.2861, 0.3051



63.7239, 0.3393, 0.3295

Complementary

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



63.7239, 0.3131, 0.3528



57.4196, 0.3122, 0.3061

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.



63.7239, 0.3274, 0.3164



63.7239, 0.3131, 0.3528



63.7239, 0.2967, 0.3025

Square

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



63.7239, 0.3131, 0.3528



63.7239, 0.2826, 0.3141



63.7239, 0.3117, 0.3067



63.7239, 0.3438, 0.3427

Rectangle

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



63.7239, 0.3131, 0.3528



63.7239, 0.2899, 0.3326



63.7239, 0.3117, 0.3067



63.7239, 0.3360, 0.3249

Sweetspot

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



63.7266, 0.3131, 0.3528



98.2379, 0.3129, 0.3364



65.1089, 0.3268, 0.3493



20.9285, 0.3129, 0.3384



0.0000, 0.0000, 0.0000



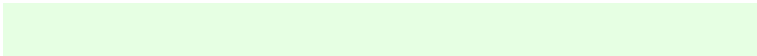
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7266, 0.3131, 0.3528



93.8570, 0.3132, 0.3576



63.8072, 0.3065, 0.3436



13.9562, 0.3131, 0.3530



29.1930, 0.3026, 0.5979



1.7820, 0.3098, 0.5922

Inverse Universe

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



57.4196, 0.3122, 0.3061



82.8500, 0.3120, 0.3017



57.3432, 0.3195, 0.3148



12.5651, 0.3122, 0.3059



9.7409, 0.2954, 0.1401



0.6066, 0.3001, 0.1427

Previews

White Background



This preview shows how the Yxy color 63.7239, 0.3131, 0.3528 looks on a white background.

Color Contrast Check

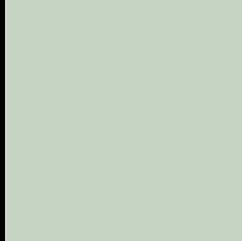
Large Text (above 18pt) WCAG AA × Fail

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 63.7239, 0.3131, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

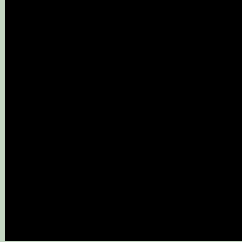
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

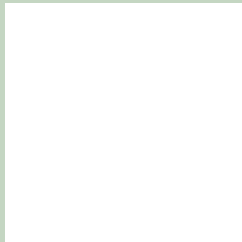
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7239, 0.3131, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 63.7239, 0.3131, 0.3528.



This preview shows how white text looks on a background with the Yxy color 63.7239, 0.3131, 0.3528.

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

63.7239, 0.3131, 0.3528

Protanopia

63.6251, 0.3318, 0.3485

Deuteranopia

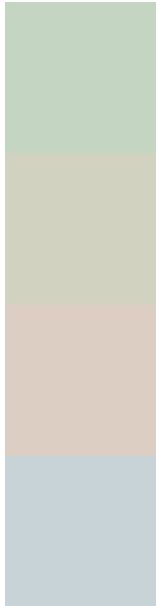
63.5502, 0.3417, 0.3357



Tritanopia

63.5094, 0.2955, 0.3096

Trichromacy



Original Color

63.7239, 0.3131, 0.3528

Protanomaly

63.4543, 0.3246, 0.3499

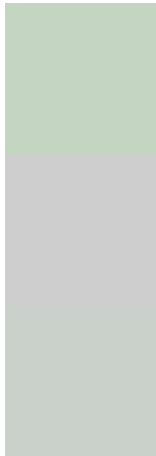
Deuteranomaly

63.2984, 0.3315, 0.3415

Tritanomaly

63.5857, 0.3019, 0.3255

Monochromacy



Original Color

63.7239, 0.3131, 0.3528

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.4218, 0.3123, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7239, 0.3131, 0.3528 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(196, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 214, 194)  
}
```

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(196, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 214, 194) }
```

Border

The CSS property to change the border of an element to Yxy 63.7239, 0.3131, 0.3528 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(196, 214, 194) }
```

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

```
.border{ border-color:rgb(196, 214, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 214,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7239, 0.3131, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 214, 194) }
```

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

```
.background{ background-color: rgb(196,  
214, 194) }
```

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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