

Converting Colors

$Yxy(68.1889, 0.3202, 0.3522)$

Have a look what the booklet for
Yxy(68.1889, 0.3202, 0.3522)
contains.

Yxy(68.4419, 0.3203, 0.3530)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.4419, 0.3203, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	D2DBC6
RGB	210, 219, 198
RGB Percent	82%, 86%, 78%
CMY	0.1764, 0.1412, 0.2237
CMYK	0.04, 0.00, 0.10, 0.14
HSL	86°, 23%, 82%
HSV	86°, 10%, 86%
XYZ	62.1018, 68.4419, 63.3427
YIQ	213.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

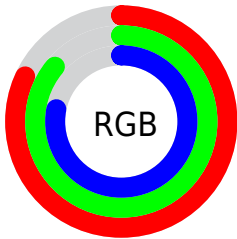
Format	Color
R _{YB}	198, 219, 207
Decimal	13818822
CIE Lab	86.23, -6.76, 9.29
CIE LCh	86, 11.496, 126.046
Yxy	68.4419, 0.3203, 0.3530
Android (android.graphics.Color)	4292008902 (0xFFD2DBC6)
YUV	213.9150, -7.8461, -3.4335
Hunter-Lab	82.7296, -10.7840, 12.5148

Details

The Yxy color **68.4419, 0.3203, 0.3530** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7478, 0.3046, 0.3049**, and the grayscale version is **67.2393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5331, 0.3217, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **66.1719, 0.3282, 0.3798**, and if you desaturate by 10%, it is **70.9444, 0.3124, 0.3281**.

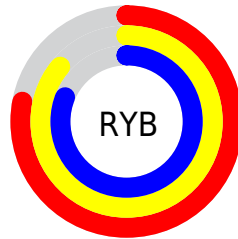
Distribution



Red (82%)

Green (86%)

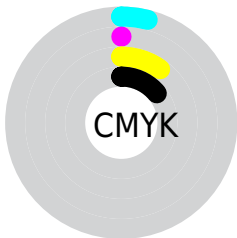
Blue (78%)



Red (78%)

Yellow (86%)

Blue (81%)

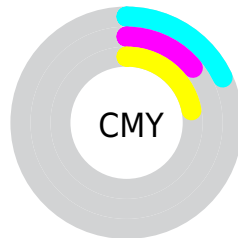


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4419, 0.3203, 0.3530 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 68.4419, 0.3203, 0.3530 by changing the saturation by 10% instead.

■ 68.4419, 0.3203,
0.3530

■ 68.4419, 0.3203,
0.3530

455.0601, 0.3168,
0.3416

■ 50.2573, 0.3211,
0.3557

116.9841, 0.3191,
0.3490

■ 35.6179, 0.3221,
0.3590

148.1105, 0.3186,
0.3475

■ 24.1392, 0.3233,
0.3633

184.3196, 0.3182,
0.3461

■ 15.4369, 0.3249,
0.3690

225.9959, 0.3179,
0.3450

■ 9.1266, 0.3270,
0.3770

273.5237, 0.3176,
0.3440

■ 4.8239, 0.3300,
0.3889

327.2874, 0.3173,

■ 2.1443, 0.3344,

0.3431

0.4087

387.6714, 0.3170,
0.3423

0.6894, 0.3828,
0.5385

0.0000, 0.0000,
0.0000

68.4419, 0.3203,
0.3530

68.4419, 0.3203,
0.3530

66.1719, 0.3282,
0.3798

70.9444, 0.3124,
0.3281

64.1179, 0.3357,
0.4081

73.6776, 0.3047,
0.3052

62.2747, 0.3425,
0.4372

76.0804, 0.3027,
0.2927

60.6337, 0.3482,
0.4660

77.7444, 0.3091,
0.2934

■ 59.1854, 0.3522,
0.4933

■ 79.1459, 0.3144,
0.2940

■ 57.9195, 0.3542,
0.5177

■ 56.8244, 0.3538,
0.5378

■ 55.8866, 0.3511,
0.5528

■ 55.0839, 0.3465,
0.5629

Harmonies

Analogous

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



68.4419, 0.3327, 0.3530



68.4419, 0.3203, 0.3530



68.4419, 0.3061, 0.3462

Triad

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



68.4419, 0.3203, 0.3530



68.4419, 0.2863, 0.3110



68.4419, 0.3318, 0.3233

Complementary

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



68.4419, 0.3203, 0.3530



58.7478, 0.3046, 0.3049

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.



68.4419, 0.3190, 0.3127



68.4419, 0.3203, 0.3530



68.4419, 0.2928, 0.3055

Square

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



68.4419, 0.3203, 0.3530



68.4419, 0.2866, 0.3215



68.4419, 0.3047, 0.3063



68.4419, 0.3395, 0.3356

Rectangle

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



68.4419, 0.3203, 0.3530



68.4419, 0.2974, 0.3387



68.4419, 0.3047, 0.3063



68.4419, 0.3280, 0.3195

Sweetspot

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



68.4449, 0.3203, 0.3530



98.9020, 0.3151, 0.3364



63.6331, 0.3284, 0.3390



21.1074, 0.3157, 0.3384



0.0000, 0.0000, 0.0000



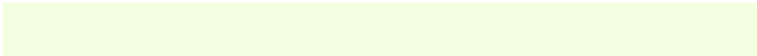
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4449, 0.3203, 0.3530



95.7862, 0.3223, 0.3595



66.9825, 0.3128, 0.3535



14.9723, 0.3202, 0.3526



32.7085, 0.3473, 0.5625



2.1695, 0.3587, 0.5534

Inverse Universe

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



58.7478, 0.3046, 0.3049



78.8342, 0.3023, 0.2982



60.2783, 0.3125, 0.3054



12.8879, 0.3047, 0.3053



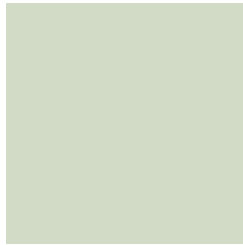
4.4938, 0.1895, 0.0818



0.3413, 0.2079, 0.0919

Previews

White Background



This preview shows how the Yxy color 68.4419, 0.3203, 0.3530 looks on a white background.

Color Contrast Check

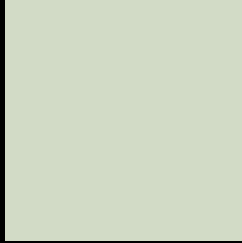
Large Text (above 18pt) WCAG AA × Fail

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 68.4419, 0.3203, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

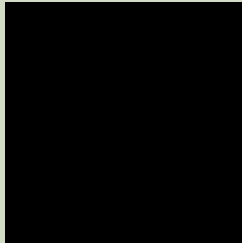
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

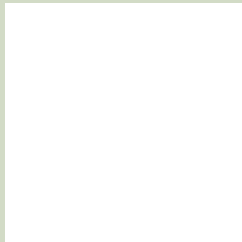
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4419, 0.3203, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 68.4419, 0.3203, 0.3530.



This preview shows how white text looks on a background with the Yxy color 68.4419, 0.3203, 0.3530.

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

68.4419, 0.3203, 0.3530

Protanopia

68.4337, 0.3326, 0.3501

Deuteranopia

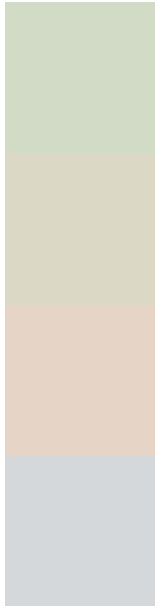
68.1591, 0.3447, 0.3376



Tritanopia

68.3097, 0.3021, 0.3104

Trichromacy



Original Color

68.4419, 0.3203, 0.3530

Protanomaly

68.2030, 0.3280, 0.3503

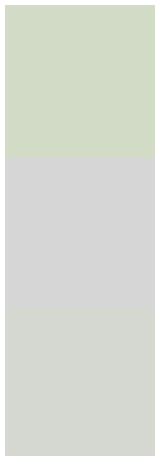
Deuteranomaly

68.0335, 0.3355, 0.3433

Tritanomaly

68.3723, 0.3086, 0.3257

Monochromacy



Original Color

68.4419, 0.3203, 0.3530

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8119, 0.3159, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4419, 0.3203, 0.3530 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(210, 219, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 219, 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(210, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 219, 198) }
```

Border

The CSS property to change the border of an element to Yxy 68.4419, 0.3203, 0.3530 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(210, 219, 198) }
```

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

```
.border{ border-color:rgb(210, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 219, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 219, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 219,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4419, 0.3203, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 219, 198) }
```

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

```
.background{ background-color: rgb(210,  
219, 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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