

Converting Colors

Yxy(66.3974, 0.3142, 0.3450)

Have a look what the booklet for
Yxy(66.3974, 0.3142, 0.3450)
contains.

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Color

Yxy(66.3551, 0.3141, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	CDD8CA
RGB	205, 216, 202
RGB Percent	80%, 85%, 79%
CMY	0.1961, 0.1529, 0.2077
CMYK	0.05, 0.00, 0.06, 0.15
HSL	107°, 15%, 82%
HSV	107°, 6%, 85%
XYZ	60.3945, 66.3551, 65.5283
YIQ	211.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

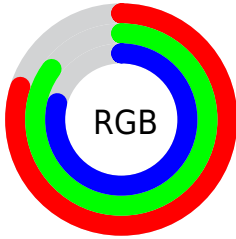
Format	Color
R _Y B	202, 216, 213
Decimal	13490378
CIE Lab	85.18, -6.25, 5.59
CIE LCh	85, 8.385, 138.222
Yxy	66.3551, 0.3141, 0.3451
Android (android.graphics.Color)	4291680458 (0xFFCDD8CA)
YUV	211.1150, -4.4937, -5.3629
Hunter-Lab	81.4586, -10.2104, 9.3260

Details

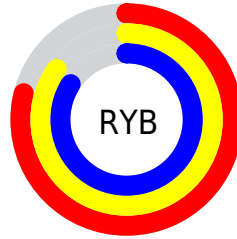
The Yxy color **66.3551, 0.3141, 0.3451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3754, 0.3112, 0.3132**, and the grayscale version is **65.2545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2072, 0.3147, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **63.1114, 0.3161, 0.3724**, and if you desaturate by 10%, it is **70.0119, 0.3119, 0.3207**.

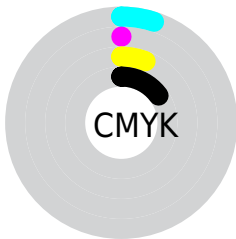
Distribution



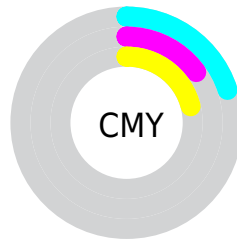
- Red (80%)
- Green (85%)
- Blue (79%)



- Red (79%)
- Yellow (85%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3551, 0.3141, 0.3451 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 66.3551, 0.3141, 0.3451 by changing the saturation by 10% instead.

■ 66.3551, 0.3141,
0.3451

■ 66.3551, 0.3141,
0.3451

447.6458, 0.3135,
0.3375

■ 48.5607, 0.3142,
0.3469

113.9958, 0.3139,
0.3424

■ 34.2711, 0.3144,
0.3492

144.6110, 0.3138,
0.3414

■ 23.1020, 0.3146,
0.3521

180.2685, 0.3137,
0.3405

■ 14.6688, 0.3148,
0.3560

221.3529, 0.3137,
0.3397

■ 8.5873, 0.3151,
0.3614

268.2483, 0.3136,
0.3390

■ 4.4730, 0.3155,
0.3697

321.3394, 0.3136,

■ 1.9415, 0.3160,

0.3384

381.0104, 0.3135,
0.3379

0.3835

0.5732, 0.3271,
0.4781

0.0000, 0.0000,
0.0000

66.3551, 0.3141,
0.3451

66.3551, 0.3141,
0.3451

63.1114, 0.3161,
0.3724

70.0119, 0.3119,
0.3207

60.2579, 0.3178,
0.4026

74.0868, 0.3097,
0.2992

57.7822, 0.3191,
0.4350

77.5943, 0.3145,
0.2910

55.6682, 0.3196,
0.4686

■ 53.8984, 0.3193,
0.5019

■ 52.4540, 0.3180,
0.5329

■ 51.3140, 0.3156,
0.5592

■ 50.4551, 0.3122,
0.5790

■ 49.8495, 0.3083,
0.5912

Harmonies

Analogous

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



66.3551, 0.3241, 0.3472



66.3551, 0.3141, 0.3451



66.3551, 0.3038, 0.3384

Triad

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



66.3551, 0.3141, 0.3451



66.3551, 0.2945, 0.3136



66.3551, 0.3297, 0.3285

Complementary

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



66.3551, 0.3141, 0.3451



61.3754, 0.3112, 0.3132

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.



66.3551, 0.3215, 0.3199



66.3551, 0.3141, 0.3451



66.3551, 0.3012, 0.3113

Square

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



66.3551, 0.3141, 0.3451



66.3551, 0.2927, 0.3200



66.3551, 0.3111, 0.3136



66.3551, 0.3332, 0.3375

Rectangle

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



66.3551, 0.3141, 0.3451



66.3551, 0.2982, 0.3324



66.3551, 0.3111, 0.3136



66.3551, 0.3274, 0.3255

Sweetspot

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



66.3580, 0.3141, 0.3451



98.9204, 0.3132, 0.3339



66.4446, 0.3225, 0.3414



21.1844, 0.3131, 0.3337



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.



66.3580, 0.3141, 0.3451



95.8284, 0.3144, 0.3493



66.1332, 0.3093, 0.3406



14.0208, 0.3147, 0.3529



29.4445, 0.3078, 0.5938



1.8123, 0.3196, 0.5844

Inverse Universe

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



61.3754, 0.3112, 0.3132



86.8614, 0.3108, 0.3092



61.6175, 0.3163, 0.3177



12.4945, 0.3104, 0.3058



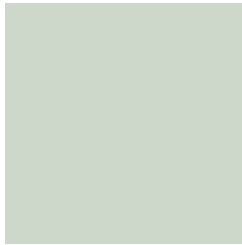
8.0719, 0.2684, 0.1252



0.5207, 0.2779, 0.1305

Previews

White Background



This preview shows how the Yxy color 66.3551, 0.3141, 0.3451 looks on a white background.

Color Contrast Check

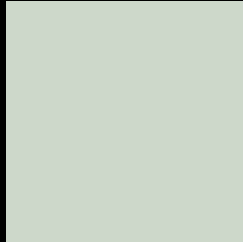
Large Text (above 18pt) WCAG AA × Fail

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 66.3551, 0.3141, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

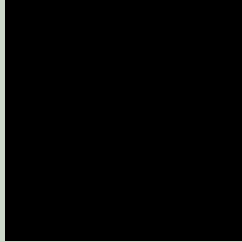
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

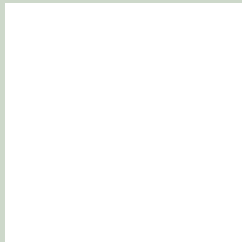
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3551, 0.3141, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 66.3551, 0.3141, 0.3451.

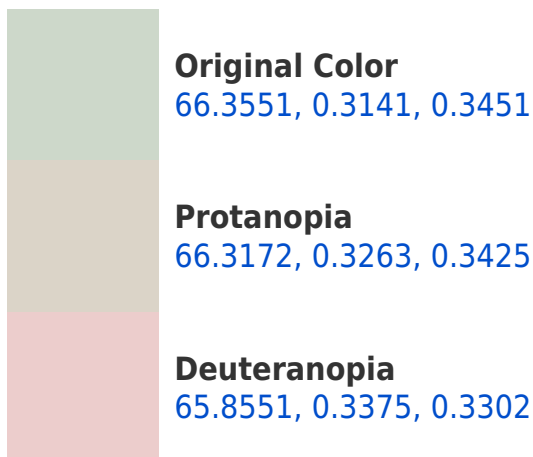


This preview shows how white text looks on a background with the Yxy color 66.3551, 0.3141, 0.3451.

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





Tritanopia

66.2994, 0.2992, 0.3101

Trichromacy



Original Color

66.3551, 0.3141, 0.3451

Protanomaly

66.1017, 0.3217, 0.3426

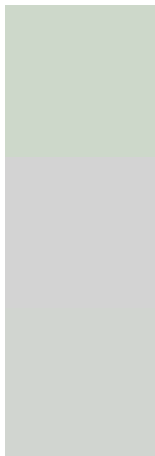
Deuteranomaly

65.9203, 0.3291, 0.3357

Tritanomaly

66.1129, 0.3051, 0.3222

Monochromacy



Original Color

66.3551, 0.3141, 0.3451

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6979, 0.3132, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3551, 0.3141, 0.3451 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(205, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(205, 216, 202)  
}
```

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(205, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 216, 202) }
```

Border

The CSS property to change the border of an element to Yxy 66.3551, 0.3141, 0.3451 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(205, 216, 202) }
```

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

```
.border{ border-color:rgb(205, 216, 202) }
```

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

Here you see how a box with a 4 pixel rgb(205, 216, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 216,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3551, 0.3141, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 216, 202) }
```

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

```
.background{ background-color: rgb(205,  
216, 202) }
```

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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