

Converting Colors

Yxy(67.4632, 0.3171, 0.3449)

Have a look what the booklet for
Yxy(67.4632, 0.3171, 0.3449)
contains.

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Color

Yxy(67.6391, 0.3171, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	D2D9CB
RGB	210, 217, 203
RGB Percent	82%, 85%, 80%
CMY	0.1762, 0.1491, 0.2039
CMYK	0.03, 0.00, 0.06, 0.15
HSL	90°, 16%, 82%
HSV	90°, 6%, 85%
XYZ	62.1872, 67.6391, 66.2859
YIQ	213.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

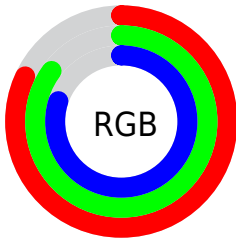
Format	Color
RYB	203, 217, 210
Decimal	13818315
CIELab	85.83, -4.84, 6.06
CIELCh	86, 7.750, 128.609
Yxy	67.6391, 0.3171, 0.3449
Android (android.graphics.Color)	4292008395 (0xFFD2D9CB)
YUV	213.3110, -5.0833, -2.9037
Hunter-Lab	82.2430, -8.9543, 9.7837

Details

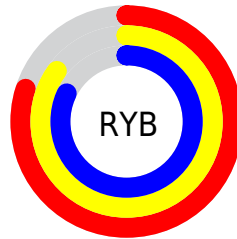
The Yxy color **67.6391, 0.3171, 0.3449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4180, 0.3081, 0.3131**, and the grayscale version is **66.8020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0785, 0.3185, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **65.1550, 0.3239, 0.3714**, and if you desaturate by 10%, it is **70.3795, 0.3103, 0.3206**.

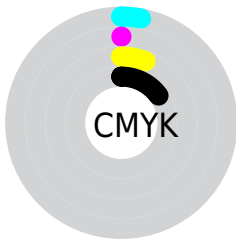
Distribution



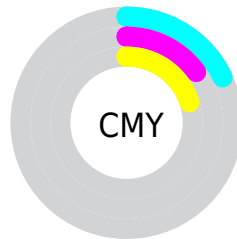
- Red (82%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6391, 0.3171, 0.3449 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 67.6391, 0.3171, 0.3449 by changing the saturation by 10% instead.

■ 67.6391, 0.3171,
0.3449

■ 67.6391, 0.3171,
0.3449

452.2163, 0.3151,
0.3374

■ 49.6042, 0.3176,
0.3467

115.8357, 0.3164,
0.3423

■ 35.0990, 0.3181,
0.3489

146.7662, 0.3161,
0.3412

■ 23.7391, 0.3189,
0.3517

182.7639, 0.3159,
0.3404

■ 15.1402, 0.3198,
0.3555

224.2134, 0.3157,
0.3396

■ 8.9179, 0.3211,
0.3607

271.4990, 0.3155,
0.3389

■ 4.6876, 0.3229,
0.3686

325.0051, 0.3153,

■ 2.0652, 0.3257,

0.3384

0.3817

385.1160, 0.3152,
0.3378

0.6449, 0.3489,
0.4546

0.0000, 0.0000,
0.0000

67.6391, 0.3171,
0.3449

67.6391, 0.3171,
0.3449

65.1550, 0.3239,
0.3714

70.3795, 0.3103,
0.3206

62.9105, 0.3304,
0.3997

73.3751, 0.3037,
0.2986

60.8999, 0.3364,
0.4292

75.7626, 0.3056,
0.2910

59.1141, 0.3413,
0.4592

77.7208, 0.3131,
0.2918

■ 57.5434, 0.3448,
0.4882

■ 78.0971, 0.3145,
0.2920

■ 56.1771, 0.3465,
0.5149

■ 55.0033, 0.3460,
0.5377

■ 54.0086, 0.3432,
0.5554

■ 53.1764, 0.3385,
0.5674

Harmonies

Analogous

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



67.6391, 0.3257, 0.3454



67.6391, 0.3171, 0.3449



67.6391, 0.3075, 0.3400

Triad

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



67.6391, 0.3171, 0.3449



67.6391, 0.2949, 0.3164



67.6391, 0.3263, 0.3259

Complementary

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



67.6391, 0.3171, 0.3449



61.4180, 0.3081, 0.3131

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.



67.6391, 0.3178, 0.3184



67.6391, 0.3171, 0.3449



67.6391, 0.2998, 0.3129

Square

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



67.6391, 0.3171, 0.3449



67.6391, 0.2948, 0.3233



67.6391, 0.3081, 0.3137



67.6391, 0.3310, 0.3343

Rectangle

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



67.6391, 0.3171, 0.3449



67.6391, 0.3017, 0.3349



67.6391, 0.3081, 0.3137



67.6391, 0.3238, 0.3232

Sweetspot

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



67.6420, 0.3171, 0.3449



99.2005, 0.3141, 0.3339



65.0394, 0.3229, 0.3367



21.2414, 0.3140, 0.3336



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.



67.6420, 0.3171, 0.3449



96.8912, 0.3182, 0.3491



66.6608, 0.3121, 0.3451



14.9279, 0.3191, 0.3526



32.0974, 0.3376, 0.5701



2.1307, 0.3500, 0.5603

Inverse Universe

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



61.4180, 0.3081, 0.3131



85.7648, 0.3069, 0.3089



62.4410, 0.3133, 0.3134



12.9319, 0.3058, 0.3054



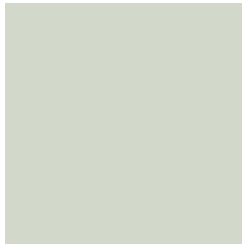
5.0003, 0.2017, 0.0885



0.3752, 0.2196, 0.0983

Previews

White Background



This preview shows how the Yxy color 67.6391, 0.3171, 0.3449 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 67.6391, 0.3171, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

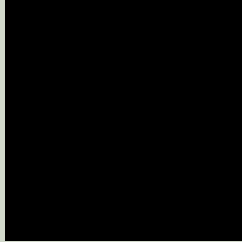
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

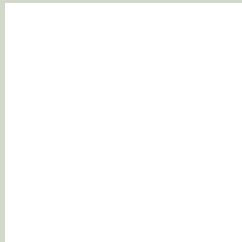
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6391, 0.3171, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 67.6391, 0.3171, 0.3449.

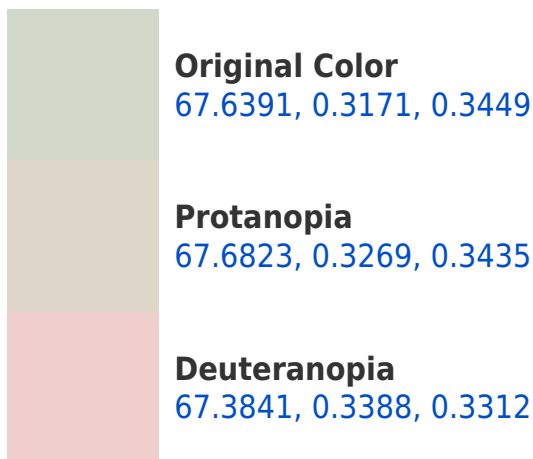


This preview shows how white text looks on a background with the Yxy color 67.6391, 0.3171, 0.3449.

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

67.5978, 0.3021, 0.3103

Trichromacy



Original Color

67.6391, 0.3171, 0.3449

Protanomaly

67.6169, 0.3231, 0.3436

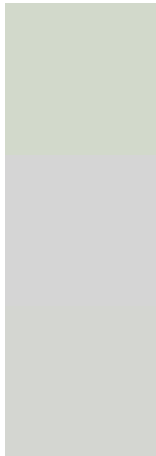
Deuteranomaly

67.4421, 0.3305, 0.3367

Tritanomaly

67.4066, 0.3080, 0.3223

Monochromacy



Original Color

67.6391, 0.3171, 0.3449

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6936, 0.3146, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6391, 0.3171, 0.3449 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, 217, 203)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 203)  
}
```

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, 217, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 203) }
```

Border

The CSS property to change the border of an element to Yxy 67.6391, 0.3171, 0.3449 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, 217, 203) }
```

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

```
.border{ border-color:rgb(210, 217, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 203);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6391, 0.3171, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 203) }
```

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

```
.background{ background-color: rgb(210,  
217, 203) }
```

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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