

Converting Colors

$Yxy(71.1621, 0.3187, 0.3504)$

Have a look what the booklet for
Yxy(71.1621, 0.3187, 0.3504)
contains.

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Color

Yxy(71.2811, 0.3181, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	D5DFCC
RGB	213, 223, 204
RGB Percent	84%, 87%, 80%
CMY	0.1647, 0.1255, 0.2000
CMYK	0.04, 0.00, 0.09, 0.13
HSL	92°, 23%, 84%
HSV	92°, 9%, 87%
XYZ	64.7289, 71.2811, 67.4759
YIQ	217.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

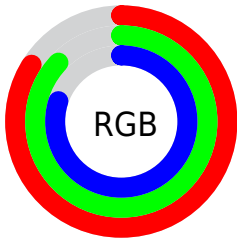
Format	Color
R _Y B	204, 223, 214
Decimal	14016460
CIE Lab	87.62, -6.74, 8.14
CIE LCh	88, 10.572, 129.618
Yxy	71.2811, 0.3181, 0.3503
Android (android.graphics.Color)	4292206540 (0xFFD5DFCC)
YUV	217.8440, -6.8251, -4.2482
Hunter-Lab	84.4281, -10.8979, 11.7145

Details

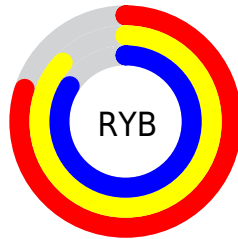
The Yxy color **71.2811, 0.3181, 0.3503** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8124, 0.3069, 0.3078**, and the grayscale version is **70.0483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4764, 0.3189, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **68.5977, 0.3243, 0.3773**, and if you desaturate by 10%, it is **74.2508, 0.3118, 0.3255**.

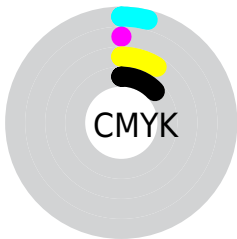
Distribution



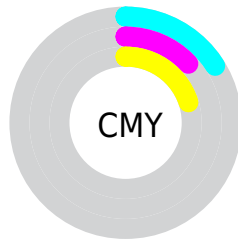
- Red (84%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2811, 0.3181, 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 71.2811, 0.3181, 0.3503 by changing the saturation by 10% instead.

■ 71.2811, 0.3181,
0.3503

■ 71.2811, 0.3181,
0.3503

465.0355, 0.3157,
0.3403

■ 52.5716, 0.3186,
0.3526

121.0339, 0.3173,
0.3468

■ 37.4609, 0.3193,
0.3555

152.8460, 0.3169,
0.3454

■ 25.5646, 0.3202,
0.3592

189.7944, 0.3166,
0.3443

■ 16.4982, 0.3212,
0.3642

232.2636, 0.3164,
0.3433

■ 9.8774, 0.3227,
0.3710

280.6379, 0.3162,
0.3424

■ 5.3177, 0.3247,
0.3811

335.3017, 0.3160,

■ 2.4349, 0.3276,

0.3416

0.3976

396.6395, 0.3158,
0.3409

0.8437, 0.3482,
0.4609

0.0000, 0.0000,
0.0000

71.2811, 0.3181,
0.3503

71.2811, 0.3181,
0.3503

68.5977, 0.3243,
0.3773

74.2508, 0.3118,
0.3255

66.1823, 0.3303,
0.4063

77.5064, 0.3056,
0.3030

64.0282, 0.3355,
0.4364

79.9918, 0.3095,
0.2975

62.1251, 0.3397,
0.4667

81.2571, 0.3142,
0.2980

■ 60.4618, 0.3423,
0.4960

■ 59.0262, 0.3431,
0.5225

■ 57.8046, 0.3418,
0.5448

■ 56.7814, 0.3383,
0.5617

■ 55.9351, 0.3331,
0.5729

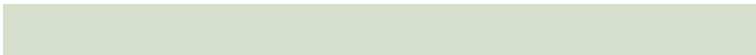
Harmonies

Analogous

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



71.2811, 0.3297, 0.3511



71.2811, 0.3181, 0.3503



71.2811, 0.3052, 0.3435

Triad

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



71.2811, 0.3181, 0.3503



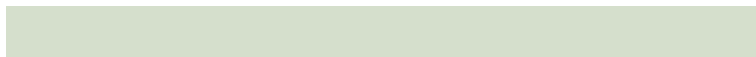
71.2811, 0.2891, 0.3118



71.2811, 0.3312, 0.3252

Complementary

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



71.2811, 0.3181, 0.3503



62.8124, 0.3069, 0.3078

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.



71.2811, 0.3200, 0.3152



71.2811, 0.3181, 0.3503



71.2811, 0.2957, 0.3075

Square

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



71.2811, 0.3181, 0.3503



71.2811, 0.2886, 0.3209



71.2811, 0.3070, 0.3088



71.2811, 0.3374, 0.3363

Rectangle

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



71.2811, 0.3181, 0.3503



71.2811, 0.2976, 0.3365



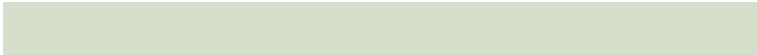
71.2811, 0.3070, 0.3088



71.2811, 0.3279, 0.3216

Sweetspot

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



71.2842, 0.3181, 0.3503



98.7616, 0.3146, 0.3364



68.0509, 0.3263, 0.3399



21.0695, 0.3151, 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.



71.2842, 0.3181, 0.3503



96.0085, 0.3191, 0.3544



69.9903, 0.3115, 0.3503



15.6541, 0.3187, 0.3527



32.8869, 0.3334, 0.5735



2.3325, 0.3453, 0.5641

Inverse Universe

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



62.8124, 0.3069, 0.3078



82.5758, 0.3058, 0.3037



64.1875, 0.3139, 0.3085



13.5964, 0.3063, 0.3054



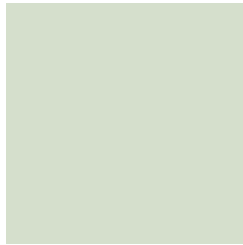
5.4380, 0.2079, 0.0919



0.4301, 0.2242, 0.1009

Previews

White Background



This preview shows how the Yxy color 71.2811, 0.3181, 0.3503 looks on a white background.

Color Contrast Check

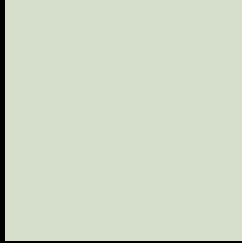
Large Text (above 18pt) WCAG AA × Fail

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 71.2811, 0.3181, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

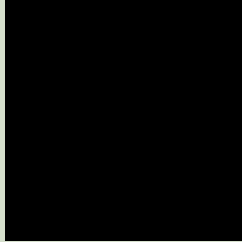
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

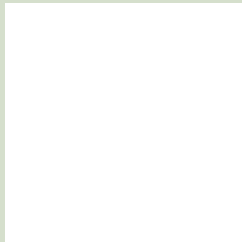
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2811, 0.3181, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 71.2811, 0.3181, 0.3503.



This preview shows how white text looks on a background with the Yxy color 71.2811, 0.3181, 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

71.2811, 0.3181, 0.3503

Protanopia

71.4213, 0.3309, 0.3476

Deuteranopia

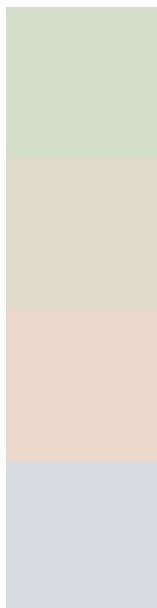
71.1360, 0.3427, 0.3354



Tritanopia

71.1044, 0.3010, 0.3096

Trichromacy



Original Color

71.2811, 0.3181, 0.3503

Protanomaly

71.1862, 0.3263, 0.3477

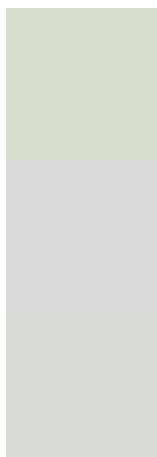
Deuteranomaly

71.0119, 0.3337, 0.3409

Tritanomaly

71.1671, 0.3073, 0.3246

Monochromacy



Original Color

71.2811, 0.3181, 0.3503

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5894, 0.3145, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2811, 0.3181, 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(213, 223, 204)` looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 204)  
}
```

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(213, 223, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 204) }
```

Border

The CSS property to change the border of an element to Yxy 71.2811, 0.3181, 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(213, 223, 204) }
```

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

```
.border{ border-color:rgb(213, 223, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2811, 0.3181, 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(213, 223, 204) }
```

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

```
.background{ background-color: rgb(213,  
223, 204) }
```

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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