

Converting Colors

$Yxy(71.1454, 0.3159, 0.3473)$

Have a look what the booklet for
Yxy(71.1454, 0.3159, 0.3473)
contains.

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Color

Yxy(71.2286, 0.3161, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	D4DFCE
RGB	212, 223, 206
RGB Percent	83%, 87%, 81%
CMY	0.1685, 0.1255, 0.1923
CMYK	0.05, 0.00, 0.08, 0.13
HSL	99°, 21%, 84%
HSV	99°, 8%, 87%
XYZ	64.6807, 71.2286, 68.7118
YIQ	217.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

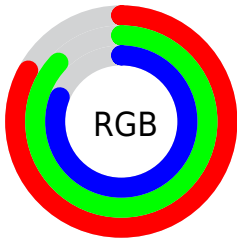
Format	Color
R_{YB}	206, 223, 217
Decimal	13950926
CIE _{Lab}	87.60, -6.74, 7.07
CIE _{LCh}	88, 9.765, 133.654
Yxy	71.2286, 0.3161, 0.3481
Android (android.graphics.Color)	4292141006 (0xFFD4DFCE)
YUV	217.7730, -5.8041, -5.0629
Hunter-Lab	84.3970, -10.8949, 10.8070

Details

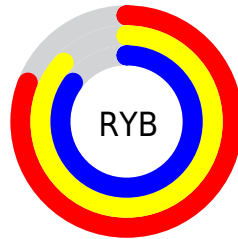
The Yxy color **71.2286, 0.3161, 0.3481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2003, 0.3091, 0.3101**, and the grayscale version is **69.9902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4404, 0.3162, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **68.1809, 0.3204, 0.3754**, and if you desaturate by 10%, it is **74.6265, 0.3117, 0.3234**.

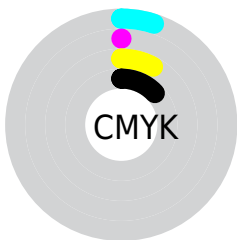
Distribution



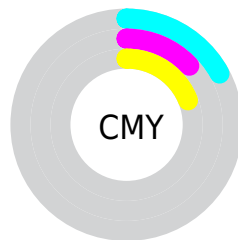
- Red (83%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2286, 0.3161, 0.3481 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 71.2286, 0.3161, 0.3481 by changing the saturation by 10% instead.

■ 71.2286, 0.3161,
0.3481

■ 71.2286, 0.3161,
0.3481

464.8522, 0.3146,
0.3391

■ 52.5288, 0.3164,
0.3502

120.9592, 0.3156,
0.3450

■ 37.4267, 0.3168,
0.3528

152.7587, 0.3154,
0.3437

■ 25.5381, 0.3174,
0.3561

189.6936, 0.3152,
0.3427

■ 16.4784, 0.3180,
0.3605

232.1482, 0.3150,
0.3418

■ 9.8633, 0.3189,
0.3667

280.5070, 0.3149,
0.3410

■ 5.3084, 0.3200,
0.3757

335.1543, 0.3148,

■ 2.4293, 0.3217,

0.3403

396.4746, 0.3147,
0.3397

0.3905

0.8409, 0.3345,
0.4432

0.0000, 0.0000,
0.0000

71.2286, 0.3161,
0.3481

71.2286, 0.3161,
0.3481

68.1809, 0.3204,
0.3754

74.6265, 0.3117,
0.3234

65.4628, 0.3244,
0.4049

78.3762, 0.3073,
0.3013

63.0654, 0.3278,
0.4362

81.2567, 0.3142,
0.2980

60.9757, 0.3302,
0.4682

■ 59.1802, 0.3314,
0.4994

■ 57.6637, 0.3309,
0.5281

■ 56.4098, 0.3288,
0.5525

■ 55.3998, 0.3249,
0.5710

■ 54.6100, 0.3197,
0.5830

Harmonies

Analogous

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



71.2286, 0.3272, 0.3496



71.2286, 0.3161, 0.3481



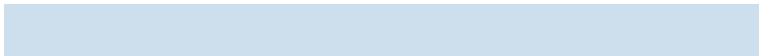
71.2286, 0.3043, 0.3412

Triad

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



71.2286, 0.3161, 0.3481



71.2286, 0.2914, 0.3123



71.2286, 0.3309, 0.3268

Complementary

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



71.2286, 0.3161, 0.3481



64.2003, 0.3091, 0.3101

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.



71.2286, 0.3210, 0.3173



71.2286, 0.3161, 0.3481



71.2286, 0.2982, 0.3089

Square

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



71.2286, 0.3161, 0.3481



71.2286, 0.2901, 0.3202



71.2286, 0.3090, 0.3108



71.2286, 0.3359, 0.3371

Rectangle

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



71.2286, 0.3161, 0.3481



71.2286, 0.2975, 0.3345



71.2286, 0.3090, 0.3108



71.2286, 0.3280, 0.3235

Sweetspot

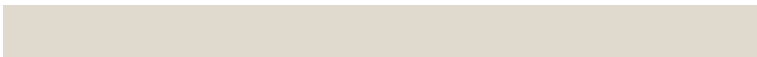
The Sweet Spot groups the original color and five complimentary colors.



71.2317, 0.3161, 0.3481



99.0575, 0.3136, 0.3339



69.6438, 0.3246, 0.3409



21.2123, 0.3136, 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.



71.2317, 0.3161, 0.3481



95.9099, 0.3167, 0.3518



70.4602, 0.3103, 0.3457



15.5729, 0.3169, 0.3529



32.0717, 0.3195, 0.5845



2.2720, 0.3316, 0.5749

Inverse Universe

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



64.2003, 0.3091, 0.3101



84.7077, 0.3083, 0.3065



65.0227, 0.3152, 0.3128



13.6794, 0.3081, 0.3055



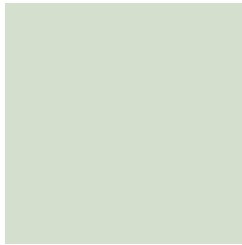
6.6728, 0.2336, 0.1060



0.5121, 0.2471, 0.1135

Previews

White Background



This preview shows how the Yxy color 71.2286, 0.3161, 0.3481 looks on a white background.

Color Contrast Check

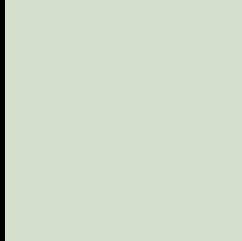
Large Text (above 18pt) WCAG AA × Fail

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 71.2286, 0.3161, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

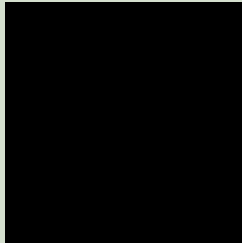
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

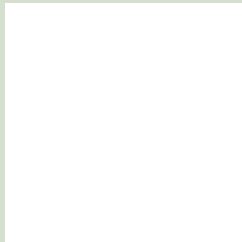
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2286, 0.3161, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 71.2286, 0.3161, 0.3481.

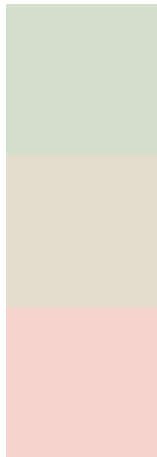


This preview shows how white text looks on a background with the Yxy color 71.2286, 0.3161, 0.3481.

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

71.2286, 0.3161, 0.3481

Protanopia

71.3536, 0.3287, 0.3454

Deuteranopia

71.0535, 0.3405, 0.3333



Tritanopia

71.4709, 0.3003, 0.3106

Trichromacy



Original Color

71.2286, 0.3161, 0.3481

Protanomaly

71.1238, 0.3242, 0.3455

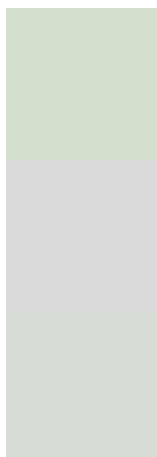
Deuteranomaly

70.9404, 0.3315, 0.3387

Tritanomaly

71.0697, 0.3059, 0.3235

Monochromacy



Original Color

71.2286, 0.3161, 0.3481

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.6404, 0.3138, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2286, 0.3161, 0.3481 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(212, 223, 206) looks like.

```
.text, #text, p{  
    color:rgb(212, 223, 206)  
}
```

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(212, 223, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 223, 206) }
```

Border

The CSS property to change the border of an element to Yxy 71.2286, 0.3161, 0.3481 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(212, 223, 206) }
```

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

```
.border{ border-color:rgb(212, 223, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 223, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 223, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 223, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 223,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2286, 0.3161, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 223, 206) }
```

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

```
.background{ background-color: rgb(212,  
223, 206) }
```

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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