

Converting Colors

Yxy(72.5193, 0.3196, 0.3490)

Have a look what the booklet for
Yxy(72.5193, 0.3196, 0.3490)
contains.

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Color

Yxy(72.5193, 0.3196, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	D9E0CE
RGB	217, 224, 206
RGB Percent	85%, 88%, 81%
CMY	0.1490, 0.1215, 0.1923
CMYK	0.03, 0.00, 0.08, 0.12
HSL	83°, 23%, 84%
HSV	83°, 8%, 88%
XYZ	66.4102, 72.5193, 68.8622
YIQ	219.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

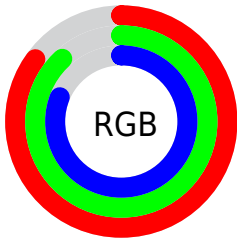
Format	Color
RYB	206, 224, 213
Decimal	14278862
CIELab	88.22, -5.54, 8.01
CIElCh	88, 9.739, 124.643
Yxy	72.5193, 0.3196, 0.3490
Android (android.graphics.Color)	4292468942 (0xFFD9E0CE)
YUV	219.8550, -6.8305, -2.5038
Hunter-Lab	85.1583, -9.8247, 11.6667

Details

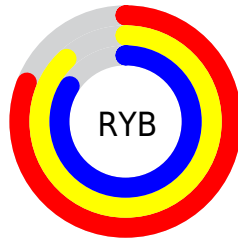
The Yxy color **72.5193, 0.3196, 0.3490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6431, 0.3054, 0.3088**, and the grayscale version is **71.5129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3243, 0.3208, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **70.2153, 0.3282, 0.3755**, and if you desaturate by 10%, it is **75.0547, 0.3111, 0.3244**.

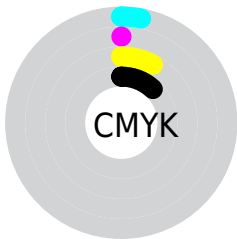
Distribution



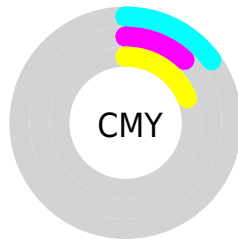
- Red (85%)
- Green (88%)
- Blue (81%)



- Red (81%)
- Yellow (88%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5193, 0.3196, 0.3490 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 72.5193, 0.3196, 0.3490 by changing the saturation by 10% instead.

■ 72.5193, 0.3196,
0.3490

■ 72.5193, 0.3196,
0.3490

469.3471, 0.3165,
0.3396

■ 53.5830, 0.3203,
0.3512

122.7946, 0.3185,
0.3457

■ 38.2684, 0.3212,
0.3539

154.9023, 0.3181,
0.3445

■ 26.1910, 0.3223,
0.3573

192.1693, 0.3177,
0.3434

■ 16.9666, 0.3237,
0.3618

234.9799, 0.3174,
0.3424

■ 10.2107, 0.3256,
0.3681

283.7187, 0.3171,
0.3416

■ 5.5389, 0.3283,
0.3773

338.7698, 0.3169,

■ 2.5668, 0.3323,

0.3409

0.3921

400.5178, 0.3167,
0.3402

0.9100, 0.3525,
0.4396

0.0000, 0.0000,
0.0000

72.5193, 0.3196,
0.3490

72.5193, 0.3196,
0.3490

70.2153, 0.3282,
0.3755

75.0547, 0.3111,
0.3244

68.1256, 0.3365,
0.4033

77.8191, 0.3028,
0.3018

66.2454, 0.3442,
0.4319

79.5973, 0.3060,
0.2982

64.5658, 0.3507,
0.4603

81.1782, 0.3119,
0.2987

■ 63.0776, 0.3557,
0.4873

■ 81.7943, 0.3141,
0.2989

■ 61.7704, 0.3586,
0.5114

■ 60.6326, 0.3592,
0.5315

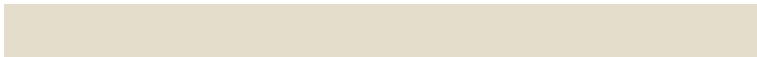
■ 59.6506, 0.3573,
0.5466

■ 58.8058, 0.3533,
0.5567

Harmonies

Analogous

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



72.5193, 0.3298, 0.3488



72.5193, 0.3196, 0.3490



72.5193, 0.3078, 0.3436

Triad

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



72.5193, 0.3196, 0.3490



72.5193, 0.2905, 0.3144



72.5193, 0.3282, 0.3238

Complementary

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



72.5193, 0.3196, 0.3490



63.6431, 0.3054, 0.3088

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.



72.5193, 0.3174, 0.3151



72.5193, 0.3196, 0.3490



72.5193, 0.2958, 0.3096

Square

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



72.5193, 0.3196, 0.3490



72.5193, 0.2911, 0.3233



72.5193, 0.3055, 0.3099



72.5193, 0.3348, 0.3341

Rectangle

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



72.5193, 0.3196, 0.3490



72.5193, 0.3005, 0.3375



72.5193, 0.3055, 0.3099



72.5193, 0.3249, 0.3206

Sweetspot

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



72.5224, 0.3196, 0.3490



99.3031, 0.3144, 0.3339



67.8287, 0.3258, 0.3367



21.2623, 0.3143, 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.



72.5224, 0.3196, 0.3490



96.6396, 0.3213, 0.3542



71.1876, 0.3132, 0.3494



15.7507, 0.3208, 0.3526



34.2062, 0.3533, 0.5576



2.4222, 0.3634, 0.5496

Inverse Universe

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



63.6431, 0.3054, 0.3088



81.9523, 0.3035, 0.3035



65.0184, 0.3121, 0.3093



13.5008, 0.3041, 0.3052



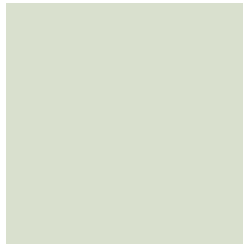
4.3672, 0.1828, 0.0781



0.3533, 0.2002, 0.0876

Previews

White Background



This preview shows how the Yxy color 72.5193, 0.3196, 0.3490 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 72.5193, 0.3196, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

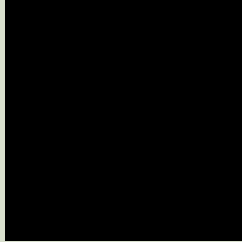
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

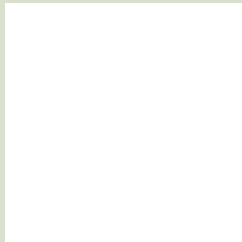
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5193, 0.3196, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 72.5193, 0.3196, 0.3490.

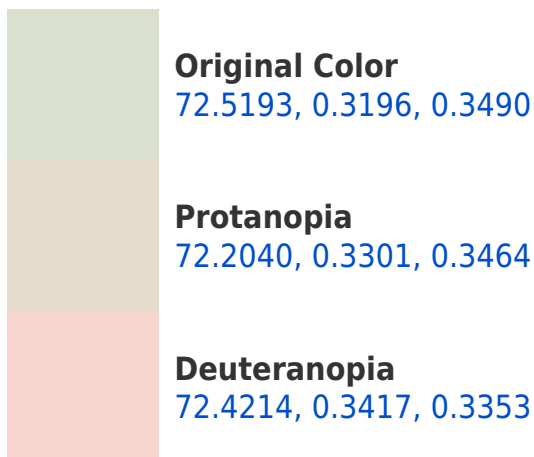


This preview shows how white text looks on a background with the Yxy color 72.5193, 0.3196, 0.3490.

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

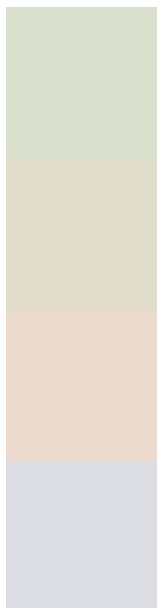




Tritanopia

72.3071, 0.3031, 0.3098

Trichromacy



Original Color

72.5193, 0.3196, 0.3490

Protanomaly

72.1282, 0.3263, 0.3465

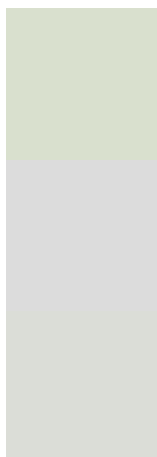
Deuteranomaly

72.4807, 0.3335, 0.3408

Tritanomaly

72.4195, 0.3087, 0.3236

Monochromacy



Original Color

72.5193, 0.3196, 0.3490

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6793, 0.3153, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5193, 0.3196, 0.3490 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(217, 224, 206)` looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 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(217, 224, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 206) }
```

Border

The CSS property to change the border of an element to Yxy 72.5193, 0.3196, 0.3490 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(217, 224, 206) }
```

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

```
.border{ border-color:rgb(217, 224, 206) }
```

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

Here you see how a box with a 4 pixel rgb(217, 224, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 224, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 224, 206);  
box-shadow:4px 4px 4px 4px rgb(217, 224,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5193, 0.3196, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 224, 206) }
```

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

```
.background{ background-color: rgb(217,  
224, 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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