

Converting Colors

$Yxy(72.4164, 0.3315, 0.3676)$

Have a look what the booklet for
Yxy(72.4164, 0.3315, 0.3676)
contains.

Yxy(72.6282, 0.3316, 0.3680)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6282, 0.3316, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	DBE1BE
RGB	219, 225, 190
RGB Percent	86%, 88%, 75%
CMY	0.1410, 0.1177, 0.2549
CMYK	0.03, 0.00, 0.16, 0.12
HSL	70°, 37%, 81%
HSV	70°, 16%, 88%
XYZ	65.4443, 72.6282, 59.2867
YIQ	219.2160, 7.6590, -12.1570

Conversions

Conversions Part 2

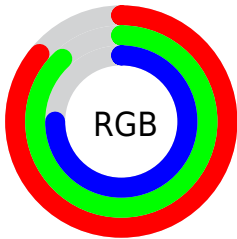
Format	Color
RYB	190, 225, 196
Decimal	14410174
CIELab	88.27, -7.92, 16.46
CIELCh	88, 18.267, 115.703
Yxy	72.6282, 0.3316, 0.3680
Android (android.graphics.Color)	4292600254 (0xFFDBE1BE)
YUV	219.2160, -14.4035, -0.1894
Hunter-Lab	85.2222, -12.0640, 18.4091

Details

The Yxy color **72.6282, 0.3316, 0.3680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9936, 0.2920, 0.2879**, and the grayscale version is **71.1008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **38.4481, 0.3355, 0.3772** is the 20% darker color. If you saturate the color by 10%, you get **71.1363, 0.3438, 0.3942**, and if you desaturate by 10%, it is **74.2920, 0.3194, 0.3426**.

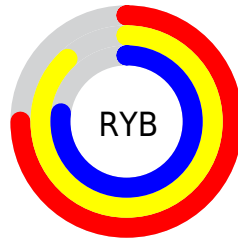
Distribution



Red (86%)

Green (88%)

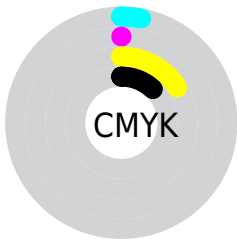
Blue (75%)



Red (75%)

Yellow (88%)

Blue (77%)

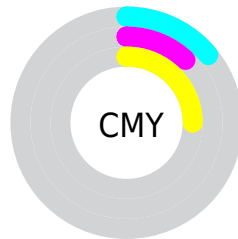


Cyan (3%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (14%)


Magenta (12%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6282, 0.3316, 0.3680 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 72.6282, 0.3316, 0.3680 by changing the saturation by 10% instead.


 72.6282, 0.3316,
0.3680

 72.6282, 0.3316,
0.3680


469.7252, 0.3230,
0.3497

 53.6720, 0.3335,
0.3723

 122.9492, 0.3287,
0.3616

 38.3395, 0.3359,
0.3775


155.0829, 0.3275,
0.3591

 26.2463, 0.3388,
0.3843


192.3778, 0.3265,
0.3570

 17.0080, 0.3426,
0.3932

235.2184, 0.3256,
0.3551

 10.2402, 0.3475,
0.4054

283.9890, 0.3249,
0.3535

 5.5585, 0.3543,
0.4233

339.0741, 0.3242,

 2.5785, 0.3638,

0.3521

0.4516

400.8580, 0.3236,
0.3508

■ 0.9159, 0.4249,
0.5751

■ 0.0000, 0.0000,
0.0000

■ 72.6282, 0.3316,
0.3680

■ 72.6282, 0.3316,
0.3680

■ 71.1363, 0.3438,
0.3942

■ 74.2920, 0.3194,
0.3426

■ 69.7996, 0.3556,
0.4206

■ 76.1246, 0.3075,
0.3185

■ 68.6138, 0.3664,
0.4460

■ 77.9733, 0.2976,
0.2984

■ 67.5706, 0.3757,
0.4696

■ 78.6141, 0.3002,
0.2986

66.6609, 0.3830,
0.4902

79.2690, 0.3027,
0.2989

65.8745, 0.3879,
0.5069

79.9379, 0.3053,
0.2991

65.1994, 0.3901,
0.5191

80.6209, 0.3078,
0.2993

64.6210, 0.3899,
0.5267

81.3181, 0.3104,
0.2996

64.3836, 0.3893,
0.5291

82.0295, 0.3130,
0.2998

Harmonies

Analogous

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



72.6282, 0.3489, 0.3637



72.6282, 0.3316, 0.3680



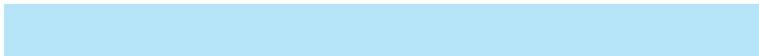
72.6282, 0.3097, 0.3610

Triad

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



72.6282, 0.3316, 0.3680



72.6282, 0.2709, 0.3055



72.6282, 0.3362, 0.3140

Complementary

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



72.6282, 0.3316, 0.3680



53.9936, 0.2920, 0.2879

Split Complementary

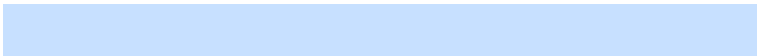
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6282, 0.3146, 0.2997



72.6282, 0.3316, 0.3680



72.6282, 0.2773, 0.2944

Square

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



72.6282, 0.3316, 0.3680



72.6282, 0.2751, 0.3237



72.6282, 0.2931, 0.2926



72.6282, 0.3518, 0.3322

Rectangle

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



72.6282, 0.3316, 0.3680



72.6282, 0.2955, 0.3507



72.6282, 0.2931, 0.2926



72.6282, 0.3294, 0.3086

Sweetspot

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



72.6314, 0.3316, 0.3680



98.7975, 0.3188, 0.3413



59.1302, 0.3409, 0.3357



21.1116, 0.3196, 0.3431



0.0000, 0.0000, 0.0000



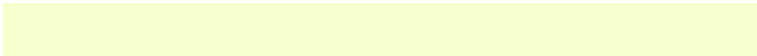
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6314, 0.3316, 0.3680



95.7360, 0.3360, 0.3773



70.0737, 0.3190, 0.3696



15.9057, 0.3241, 0.3523



37.1489, 0.3897, 0.5287



2.6065, 0.3946, 0.5249

Inverse Universe

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



53.9936, 0.2920, 0.2879



66.0412, 0.2866, 0.2775



56.4605, 0.3054, 0.2896



13.3546, 0.3007, 0.3049



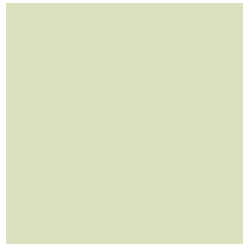
3.4068, 0.1577, 0.0642



0.2702, 0.1709, 0.0715

Previews

White Background



This preview shows how the Yxy color 72.6282, 0.3316, 0.3680 looks on a white background.

Color Contrast Check

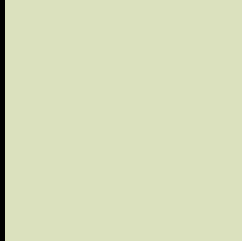
Large Text (above 18pt) WCAG AA × Fail

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 72.6282, 0.3316, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

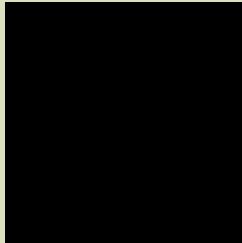
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

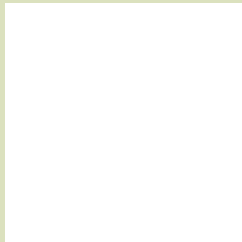
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6282, 0.3316, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 72.6282, 0.3316, 0.3680.

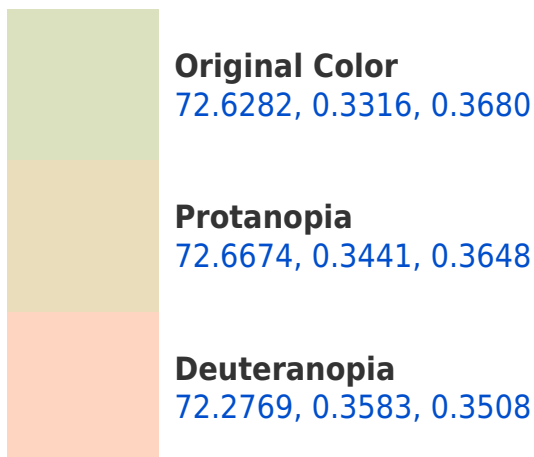


This preview shows how white text looks on a background with the Yxy color 72.6282, 0.3316, 0.3680.

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

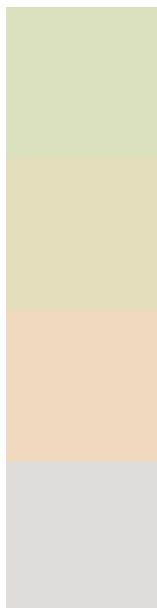




Tritanopia

72.8879, 0.3065, 0.3110

Trichromacy



Original Color

72.6282, 0.3316, 0.3680

Protanomaly

72.4107, 0.3394, 0.3652

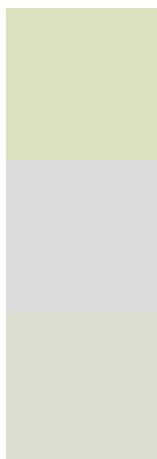
Deuteranomaly

72.0881, 0.3489, 0.3567

Tritanomaly

72.5154, 0.3155, 0.3312

Monochromacy



Original Color

72.6282, 0.3316, 0.3680

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3270, 0.3199, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6282, 0.3316, 0.3680 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(219, 225, 190)` looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 190)  
}
```

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(219, 225, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 190) }
```

Border

The CSS property to change the border of an element to Yxy 72.6282, 0.3316, 0.3680 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(219, 225, 190) }
```

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

```
.border{ border-color:rgb(219, 225, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 225, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 225, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 225, 190);  
box-shadow:4px 4px 4px 4px rgb(219, 225,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6282, 0.3316, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 225, 190) }
```

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

```
.background{ background-color: rgb(219,  
225, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor