

Converting Colors

$Yxy(72.1908, 0.3269, 0.3587)$

Have a look what the booklet for
Yxy(72.1908, 0.3269, 0.3587)
contains.

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Color

Yxy(72.4026, 0.3270, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0C5
RGB	219, 224, 197
RGB Percent	86%, 88%, 77%
CMY	0.1412, 0.1216, 0.2274
CMYK	0.02, 0.00, 0.12, 0.12
HSL	71°, 30%, 83%
HSV	71°, 12%, 88%
XYZ	65.9489, 72.4026, 63.3271
YIQ	219.4270, 5.6870, -9.4570

Conversions

Conversions Part 2

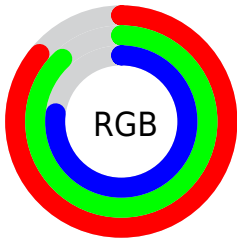
Format	Color
RYB	197, 224, 202
Decimal	14409925
CIELab	88.16, -6.33, 12.64
CIELCh	88, 14.138, 116.574
Yxy	72.4026, 0.3270, 0.3590
Android (android.graphics.Color)	4292600005 (0xFFDBE0C5)
YUV	219.4270, -11.0565, -0.3745
Hunter-Lab	85.0897, -10.5604, 15.4369

Details

The Yxy color **72.4026, 0.3270, 0.3590** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.8762, 0.2974, 0.2979**, and the grayscale version is **71.2284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **38.2516, 0.3305, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **70.8186, 0.3390, 0.3851**, and if you desaturate by 10%, it is **74.1615, 0.3151, 0.3340**.

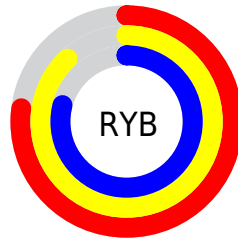
Distribution



Red (86%)

Green (88%)

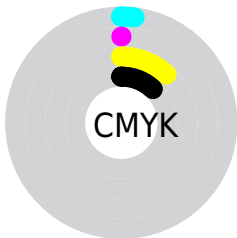
Blue (77%)



Red (77%)

Yellow (88%)

Blue (79%)

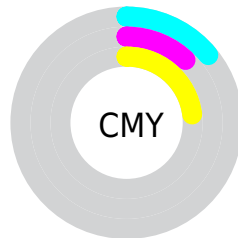


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4026, 0.3270, 0.3590 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 72.4026, 0.3270, 0.3590 by changing the saturation by 10% instead.

■ 72.4026, 0.3270,
0.3590

■ 72.4026, 0.3270,
0.3590

468.9417, 0.3205,
0.3449

■ 53.4876, 0.3285,
0.3623

122.6287, 0.3248,
0.3541

■ 38.1922, 0.3303,
0.3663

154.7087, 0.3239,
0.3522

■ 26.1319, 0.3325,
0.3715

191.9458, 0.3231,
0.3505

■ 16.9223, 0.3355,
0.3783

234.7244, 0.3224,
0.3491

■ 10.1791, 0.3394,
0.3877

283.4289, 0.3219,
0.3479

■ 5.5179, 0.3449,
0.4016


338.4436, 0.3213,


■ 2.5542, 0.3530,


0.3468


0.4236


400.1531, 0.3209,
0.3458


 0.9037, 0.4124,
0.5291


 0.0000, 0.0000,
0.0000


 72.4026, 0.3270,
0.3590


 72.4026, 0.3270,
0.3590

 70.8186, 0.3390,
0.3851


 74.1615, 0.3151,
0.3340


 69.3933, 0.3507,
0.4116

 76.0923, 0.3036,
0.3104

 68.1224, 0.3616,
0.4377

 77.5966, 0.2982,
0.2974

 66.9981, 0.3713,
0.4623

 78.2967, 0.3010,
0.2977

66.0117, 0.3790,
0.4844

79.0132, 0.3038,
0.2980

65.1533, 0.3845,
0.5028

79.7463, 0.3066,
0.2982

64.4118, 0.3874,
0.5170

80.4961, 0.3094,
0.2985

63.7739, 0.3877,
0.5264

81.2628, 0.3122,
0.2988

63.3231, 0.3866,
0.5313

81.7931, 0.3141,
0.2989

Harmonies

Analogous

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



72.4026, 0.3404, 0.3562



72.4026, 0.3270, 0.3590



72.4026, 0.3100, 0.3533

Triad

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



72.4026, 0.3270, 0.3590



72.4026, 0.2801, 0.3106



72.4026, 0.3314, 0.3177

Complementary

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



72.4026, 0.3270, 0.3590



57.8762, 0.2974, 0.2979

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.



72.4026, 0.3148, 0.3064



72.4026, 0.3270, 0.3590



72.4026, 0.2854, 0.3020

Square

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



72.4026, 0.3270, 0.3590



72.4026, 0.2832, 0.3246



72.4026, 0.2980, 0.3006



72.4026, 0.3431, 0.3321

Rectangle

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



72.4026, 0.3270, 0.3590



72.4026, 0.2990, 0.3453



72.4026, 0.2980, 0.3006



72.4026, 0.3262, 0.3135

Sweetspot

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



72.4058, 0.3270, 0.3590



99.0040, 0.3174, 0.3388



62.1009, 0.3337, 0.3346



21.1517, 0.3183, 0.3407



0.0000, 0.0000, 0.0000



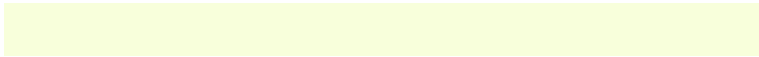
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4058, 0.3270, 0.3590



96.6782, 0.3295, 0.3643



70.4033, 0.3173, 0.3599



15.8946, 0.3239, 0.3524



36.9042, 0.3871, 0.5309



2.5917, 0.3923, 0.5267

Inverse Universe

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



57.8762, 0.2974, 0.2979



74.1938, 0.2945, 0.2921



59.8348, 0.3075, 0.2988



13.3647, 0.3009, 0.3050



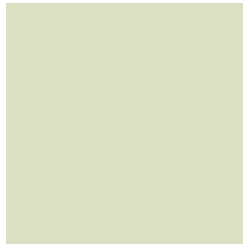
3.4490, 0.1589, 0.0649



0.2750, 0.1727, 0.0725

Previews

White Background



This preview shows how the Yxy color 72.4026, 0.3270, 0.3590 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 72.4026, 0.3270, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

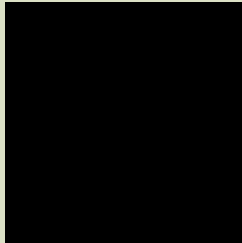
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

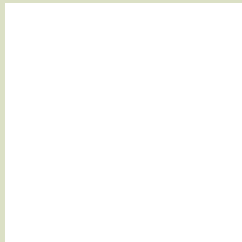
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4026, 0.3270, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 72.4026, 0.3270, 0.3590.

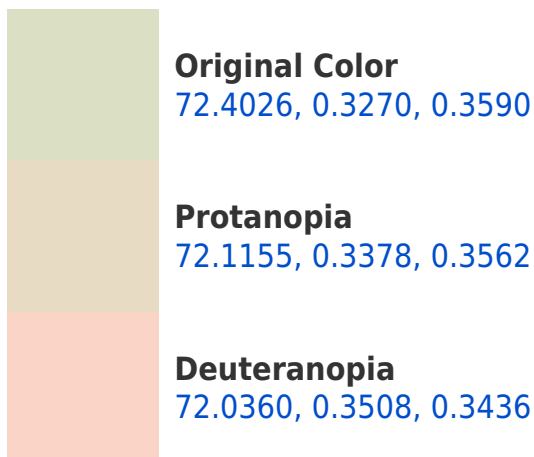


This preview shows how white text looks on a background with the Yxy color 72.4026, 0.3270, 0.3590.

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

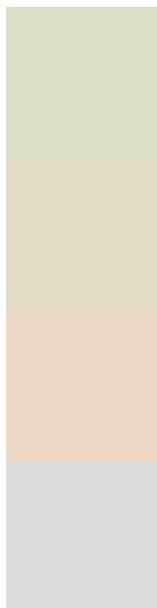




Tritanopia

72.2065, 0.3058, 0.3099

Trichromacy



Original Color

72.4026, 0.3270, 0.3590

Protanomaly

72.0293, 0.3340, 0.3564

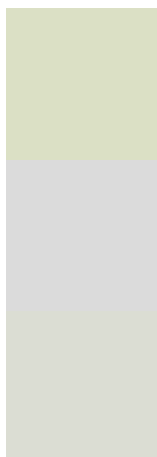
Deuteranomaly

72.0536, 0.3423, 0.3493

Tritanomaly

72.1483, 0.3135, 0.3268

Monochromacy



Original Color

72.4026, 0.3270, 0.3590

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.4761, 0.3179, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4026, 0.3270, 0.3590 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, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 197)  
}
```

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, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 197) }
```

Border

The CSS property to change the border of an element to Yxy 72.4026, 0.3270, 0.3590 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, 224, 197) }
```

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

```
.border{ border-color:rgb(219, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4026, 0.3270, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 197) }
```

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

```
.background{ background-color: rgb(219,  
224, 197) }
```

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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