

Converting Colors

$Y_{xy}(71.3410, 0.3317, 0.3578)$

Have a look what the booklet for
Yxy(71.3410, 0.3317, 0.3578)
contains.

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Color

Yxy(71.3410, 0.3317, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	DFDDC3
RGB	223, 221, 195
RGB Percent	87%, 87%, 76%
CMY	0.1255, 0.1333, 0.2353
CMYK	0.00, 0.01, 0.13, 0.13
HSL	56°, 30%, 82%
HSV	56°, 13%, 87%
XYZ	66.1370, 71.3410, 61.9100
YIQ	218.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

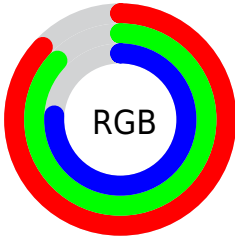
Format	Color
RYB	197, 223, 195
Decimal	14671299
CIELab	87.65, -3.70, 13.02
CIELCh	88, 13.533, 105.865
Yxy	71.3410, 0.3317, 0.3578
Android (android.graphics.Color)	4292861379 (0xFFDFDDC3)
YUV	218.6340, -11.6516, 3.8290
Hunter-Lab	84.4636, -8.0416, 15.6663

Details

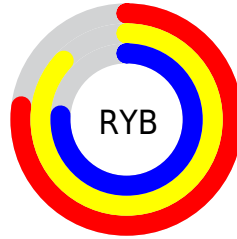
The Yxy color **71.3410, 0.3317, 0.3578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8552, 0.2929, 0.2985**, and the grayscale version is **70.6502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **37.5204, 0.3367, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **69.5761, 0.3475, 0.3814**, and if you desaturate by 10%, it is **73.2708, 0.3165, 0.3348**.

Distribution



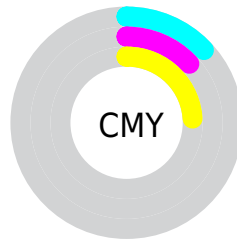
- Red (87%)
- Green (87%)
- Blue (76%)



- Red (77%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3410, 0.3317, 0.3578 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 71.3410, 0.3317, 0.3578 by changing the saturation by 10% instead.

71.3410, 0.3317,
0.3578

71.3410, 0.3317,
0.3578

465.2446, 0.3229,
0.3443

52.6205, 0.3337,
0.3609

121.1191, 0.3287,
0.3531

37.4999, 0.3362,
0.3648

152.9456, 0.3275,
0.3513

25.5948, 0.3393,
0.3697

189.9095, 0.3265,
0.3497

16.5208, 0.3433,
0.3762

232.3953, 0.3256,
0.3483

9.8934, 0.3488,
0.3852

280.7872, 0.3248,
0.3472

5.3283, 0.3566,
0.3982

335.4699, 0.3241,

2.4412, 0.3684,

0.3461

0.4188

396.8275, 0.3235,
0.3452

0.8469, 0.4541,
0.5382

0.0000, 0.0000,
0.0000

71.3410, 0.3317,
0.3578

71.3410, 0.3317,
0.3578

69.5761, 0.3475,
0.3814

73.2708, 0.3165,
0.3348

67.9599, 0.3633,
0.4048

75.3622, 0.3021,
0.3127

66.4884, 0.3788,
0.4272

77.1724, 0.2927,
0.2988

65.1538, 0.3933,
0.4477

78.0376, 0.2928,
0.3004

63.9476, 0.4061,
0.4652

78.9109, 0.2928,
0.3021

62.8601, 0.4167,
0.4789

79.7922, 0.2929,
0.3038

61.8803, 0.4247,
0.4883

80.6816, 0.2929,
0.3054

60.9950, 0.4300,
0.4933

81.5790, 0.2929,
0.3071

60.3813, 0.4325,
0.4948

82.4844, 0.2930,
0.3087

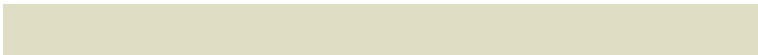
Harmonies

Analogous

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



71.3410, 0.3424, 0.3524



71.3410, 0.3317, 0.3578



71.3410, 0.3161, 0.3552

Triad

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



71.3410, 0.3317, 0.3578



71.3410, 0.2815, 0.3157



71.3410, 0.3253, 0.3138

Complementary

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



71.3410, 0.3317, 0.3578



56.8552, 0.2929, 0.2985

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.



71.3410, 0.3087, 0.3045



71.3410, 0.3317, 0.3578



71.3410, 0.2837, 0.3052

Square

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



71.3410, 0.3317, 0.3578



71.3410, 0.2873, 0.3303



71.3410, 0.2936, 0.3013



71.3410, 0.3387, 0.3269

Rectangle

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



71.3410, 0.3317, 0.3578



71.3410, 0.3050, 0.3491



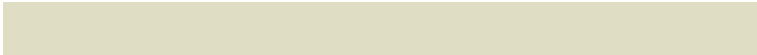
71.3410, 0.2936, 0.3013



71.3410, 0.3199, 0.3101

Sweetspot

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



71.3441, 0.3317, 0.3578



98.8984, 0.3187, 0.3381



58.7618, 0.3336, 0.3264



21.1249, 0.3198, 0.3398



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.



71.3441, 0.3317, 0.3578



96.0535, 0.3357, 0.3638



70.6120, 0.3229, 0.3608



15.8539, 0.3269, 0.3506



35.5743, 0.4323, 0.4950



2.5165, 0.4301, 0.4967

Inverse Universe

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



56.8552, 0.2929, 0.2985



72.8421, 0.2885, 0.2917



57.5723, 0.3016, 0.2969



13.3990, 0.2981, 0.3065



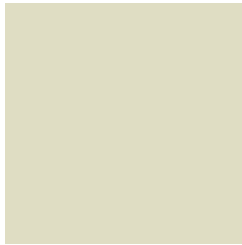
3.4082, 0.1513, 0.0647



0.2919, 0.1550, 0.0780

Previews

White Background



This preview shows how the Yxy color 71.3410, 0.3317, 0.3578 looks on a white background.

Color Contrast Check

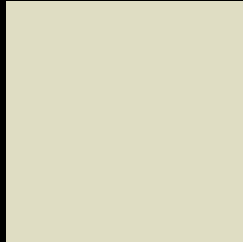
Large Text (above 18pt) WCAG AA × Fail

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 71.3410, 0.3317, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

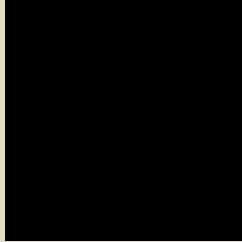
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

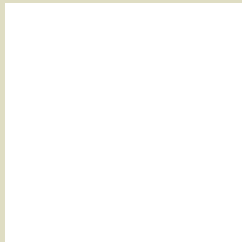
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3410, 0.3317, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 71.3410, 0.3317, 0.3578.

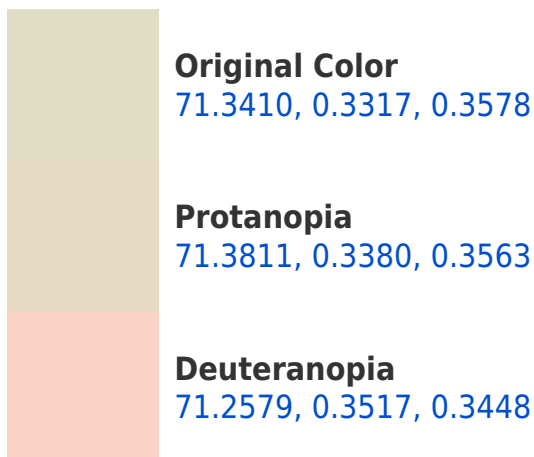


This preview shows how white text looks on a background with the Yxy color 71.3410, 0.3317, 0.3578.

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

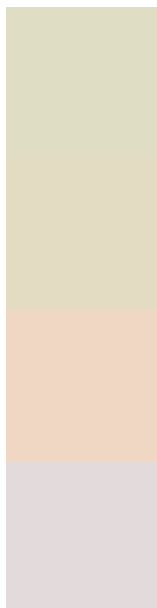




Tritanopia

71.4889, 0.3100, 0.3110

Trichromacy



Original Color

71.3410, 0.3317, 0.3578

Protanomaly

71.4123, 0.3355, 0.3576

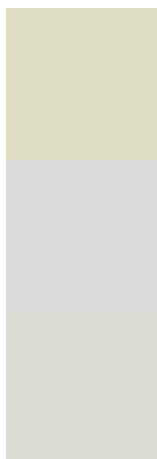
Deuteranomaly

71.1117, 0.3449, 0.3493

Tritanomaly

71.4260, 0.3178, 0.3279

Monochromacy



Original Color

71.3410, 0.3317, 0.3578

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0552, 0.3194, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3410, 0.3317, 0.3578 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(223, 221, 195)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 195)  
}
```

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(223, 221, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 195) }
```

Border

The CSS property to change the border of an element to Yxy 71.3410, 0.3317, 0.3578 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(223, 221, 195) }
```

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

```
.border{ border-color:rgb(223, 221, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 195);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3410, 0.3317, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 195) }
```

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

```
.background{ background-color: rgb(223,  
221, 195) }
```

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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