

Converting Colors

$Y_{xy}(71.2680, 0.3254, 0.3310)$

Have a look what the booklet for
Yxy(71.2680, 0.3254, 0.3310)
contains.

Yxy(71.1226, 0.3258, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.1226, 0.3258, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E8D8D6
RGB	232, 216, 214
RGB Percent	91%, 85%, 84%
CMY	0.0903, 0.1529, 0.1608
CMYK	0.00, 0.07, 0.08, 0.09
HSL	7°, 28%, 87%
HSV	7°, 8%, 91%
XYZ	69.9630, 71.1226, 73.6566
YIQ	220.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

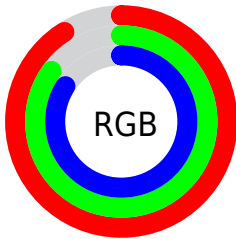
Format	Color
R _Y B	232, 216, 214
Decimal	15259862
CIE Lab	87.54, 5.14, 2.96
CIE LCh	88, 5.931, 29.901
Yxy	71.1226, 0.3258, 0.3312
Android (android.graphics.Color)	4293449942 (0xFFE8D8D6)
YUV	220.5560, -3.2321, 10.0364
Hunter-Lab	84.3342, 0.4973, 7.2507

Details

The Yxy color **71.1226, 0.3258, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6828, 0.3008, 0.3268**, and the grayscale version is **71.9956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2230, 0.3290, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **60.1256, 0.3461, 0.3342**, and if you desaturate by 10%, it is **83.6164, 0.3093, 0.3284**.

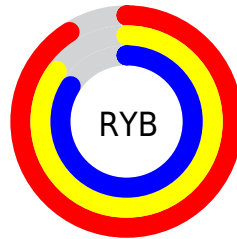
Distribution



Red (91%)

Green (85%)

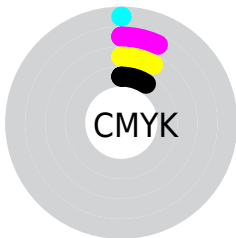
Blue (84%)



Red (91%)

Yellow (85%)

Blue (84%)

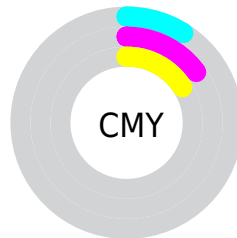


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (15%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1226, 0.3258, 0.3312 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 71.1226, 0.3258, 0.3312 by changing the saturation by 10% instead.

 71.1226, 0.3258,
0.3312

 71.1226, 0.3258,
0.3312


464.4819, 0.3197,
0.3302

 52.4423, 0.3272,
0.3314

120.8083, 0.3237,
0.3309

 37.3577, 0.3290,
0.3317


152.5824, 0.3228,
0.3307

 25.4846, 0.3312,
0.3320


189.4899, 0.3221,
0.3306

 16.4384, 0.3341,
0.3324

231.9152, 0.3215,
0.3305

 9.8349, 0.3381,
0.3330

280.2426, 0.3210,
0.3304

 5.2897, 0.3440,
0.3338

334.8566, 0.3205,

 2.4182, 0.3535,

0.3304

0.3349

396.1416, 0.3201,
0.3303

0.8352, 0.3747,
0.3396

0.0000, 0.0000,
0.0000

71.1226, 0.3258,
0.3312

71.1226, 0.3258,
0.3312

60.1256, 0.3461,
0.3342

83.6164, 0.3093,
0.3284

50.5603, 0.3710,
0.3374

95.8899, 0.2987,
0.3290

42.3706, 0.4014,
0.3406

35.4929, 0.4375,
0.3435

■ 29.8590, 0.4791,
0.3456

■ 25.3943, 0.5239,
0.3465

■ 22.0160, 0.5677,
0.3453

■ 19.6306, 0.6042,
0.3420

■ 18.1268, 0.6282,
0.3371

Harmonies

Analogous

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



71.1226, 0.3213, 0.3249



71.1226, 0.3258, 0.3312



71.1226, 0.3268, 0.3370

Triad

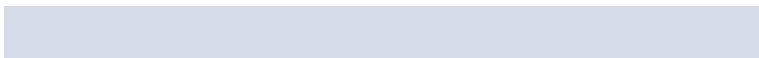
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1226, 0.3258, 0.3312



71.1226, 0.3109, 0.3386



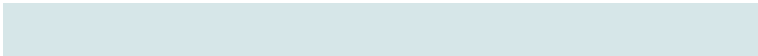
71.1226, 0.3016, 0.3173

Complementary

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



71.1226, 0.3258, 0.3312



76.6828, 0.3008, 0.3268

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.



71.1226, 0.2989, 0.3208



71.1226, 0.3258, 0.3312



71.1226, 0.3042, 0.3331

Square

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



71.1226, 0.3258, 0.3312



71.1226, 0.3181, 0.3414



71.1226, 0.2998, 0.3266



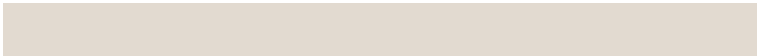
71.1226, 0.3073, 0.3169

Rectangle

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



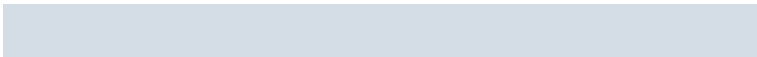
71.1226, 0.3258, 0.3312



71.1226, 0.3253, 0.3398



71.1226, 0.2998, 0.3266



71.1226, 0.3003, 0.3182

Sweetspot

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



71.1257, 0.3258, 0.3312



96.8216, 0.3159, 0.3296



70.9646, 0.3148, 0.3119



20.7571, 0.3158, 0.3295



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

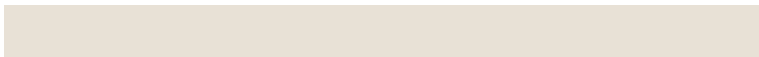
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1257, 0.3258, 0.3312



86.2942, 0.3282, 0.3316



75.7352, 0.3249, 0.3405



14.6275, 0.3290, 0.3317



10.0270, 0.6305, 0.3376



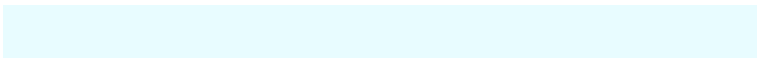
0.8283, 0.6099, 0.3539

Inverse Universe

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



76.6828, 0.3008, 0.3268



94.2689, 0.2988, 0.3264



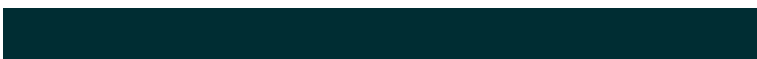
71.9305, 0.3008, 0.3172



16.0450, 0.2982, 0.3263



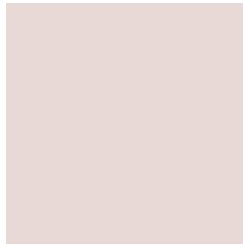
27.8358, 0.2148, 0.2933



2.1362, 0.2164, 0.2990

Previews

White Background



This preview shows how the Yxy color 71.1226, 0.3258, 0.3312 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 71.1226, 0.3258, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

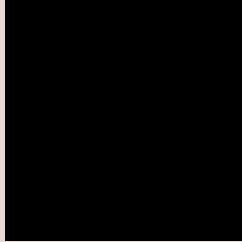
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

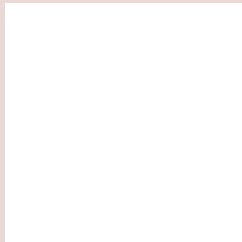
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1226, 0.3258, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 71.1226, 0.3258, 0.3312.

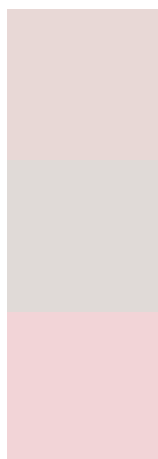


This preview shows how white text looks on a background with the Yxy color 71.1226, 0.3258, 0.3312.

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

71.1226, 0.3258, 0.3312

Protanopia

70.8964, 0.3191, 0.3323

Deuteranopia

70.8705, 0.3331, 0.3259



Tritanopia

71.2987, 0.3164, 0.3122

Trichromacy



Original Color

71.1226, 0.3258, 0.3312

Protanomaly

70.8629, 0.3213, 0.3312

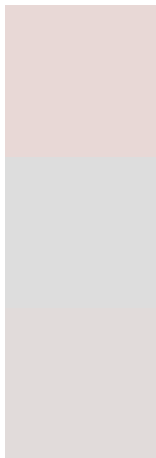
Deuteranomaly

70.6719, 0.3299, 0.3269

Tritanomaly

71.3063, 0.3197, 0.3195

Monochromacy



Original Color

71.1226, 0.3258, 0.3312

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.7325, 0.3177, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1226, 0.3258, 0.3312 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(232, 216, 214)` looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 214)  
}
```

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(232, 216, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.1226, 0.3258, 0.3312 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(232, 216, 214) }
```

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

```
.border{ border-color:rgb(232, 216, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1226, 0.3258, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 214) }
```

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

```
.background{ background-color: rgb(232,  
216, 214) }
```

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