

Converting Colors

$Yxy(72.1436, 0.3204, 0.3296)$

Have a look what the booklet for
Yxy(72.1436, 0.3204, 0.3296)
contains.

Yxy(72.3830, 0.3206, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3830, 0.3206, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	E5DBDA
RGB	229, 219, 218
RGB Percent	90%, 86%, 85%
CMY	0.1019, 0.1412, 0.1451
CMYK	0.00, 0.04, 0.05, 0.10
HSL	5°, 17%, 88%
HSV	5°, 5%, 90%
XYZ	70.2999, 72.3830, 76.5931
YIQ	221.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

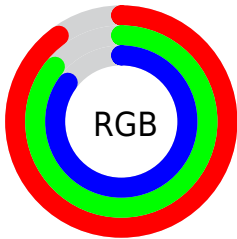
Format	Color
R _Y B	229, 219, 218
Decimal	15064026
CIE Lab	88.15, 3.24, 1.70
CIE LCh	88, 3.663, 27.686
Yxy	72.3830, 0.3206, 0.3301
Android (android.graphics.Color)	4293254106 (0xFFE5DBDA)
YUV	221.8760, -1.9109, 6.2477
Hunter-Lab	85.0782, -1.3928, 6.1779

Details

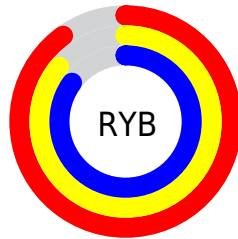
The Yxy color **72.3830, 0.3206, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0478, 0.3053, 0.3279**, and the grayscale version is **72.9673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1939, 0.3231, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **61.0829, 0.3398, 0.3325**, and if you desaturate by 10%, it is **85.2118, 0.3050, 0.3279**.

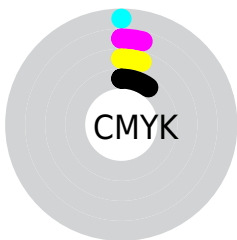
Distribution



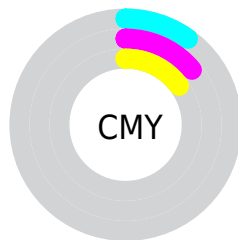
- Red (90%)
- Green (86%)
- Blue (85%)



- Red (90%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3830, 0.3206, 0.3301 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 72.3830, 0.3206, 0.3301 by changing the saturation by 10% instead.

72.3830, 0.3206,
0.3301

72.3830, 0.3206,
0.3301

468.8736, 0.3169,
0.3296

53.4716, 0.3214,
0.3302

122.6009, 0.3193,
0.3299

38.1794, 0.3225,
0.3303

154.6762, 0.3188,
0.3299

26.1219, 0.3238,
0.3305

191.9082, 0.3184,
0.3298

16.9149, 0.3255,
0.3307

234.6814, 0.3180,
0.3298

10.1738, 0.3279,
0.3310

283.3802, 0.3177,
0.3297

5.5144, 0.3314,
0.3314

338.3888, 0.3174,

2.5521, 0.3369,

0.3297

0.3320

400.0919, 0.3172,
0.3296

0.9026, 0.3475,
0.3334

0.0000, 0.0000,
0.0000

72.3830, 0.3206,
0.3301

72.3830, 0.3206,
0.3301

61.0829, 0.3398,
0.3325

85.2118, 0.3050,
0.3279

51.2454, 0.3635,
0.3351

95.3988, 0.2970,
0.3290

42.8136, 0.3925,
0.3377

35.7232, 0.4274,
0.3402

■ 29.9049, 0.4682,
0.3422

■ 25.2834, 0.5131,
0.3432

■ 21.7750, 0.5583,
0.3427

■ 19.2856, 0.5977,
0.3403

■ 17.7052, 0.6250,
0.3364

Harmonies

Analogous

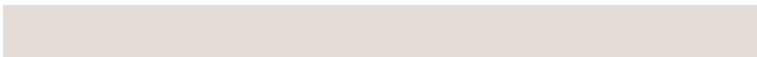
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3830, 0.3177, 0.3262



72.3830, 0.3206, 0.3301



72.3830, 0.3214, 0.3337

Triad

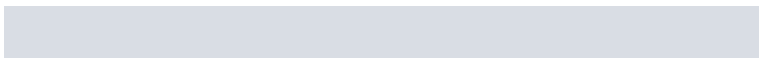
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3830, 0.3206, 0.3301



72.3830, 0.3119, 0.3351



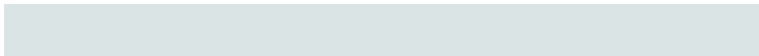
72.3830, 0.3057, 0.3219

Complementary

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



72.3830, 0.3206, 0.3301



76.0478, 0.3053, 0.3279

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.



72.3830, 0.3042, 0.3242



72.3830, 0.3206, 0.3301



72.3830, 0.3077, 0.3318

Square

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



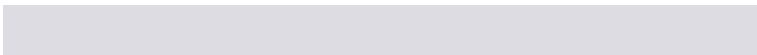
72.3830, 0.3206, 0.3301



72.3830, 0.3163, 0.3366



72.3830, 0.3049, 0.3279



72.3830, 0.3091, 0.3215

Rectangle

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



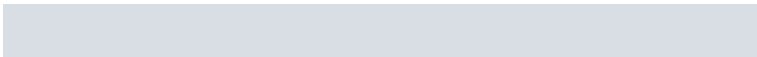
72.3830, 0.3206, 0.3301



72.3830, 0.3206, 0.3355



72.3830, 0.3049, 0.3279



72.3830, 0.3049, 0.3225

Sweetspot

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



72.3861, 0.3206, 0.3301



98.3676, 0.3143, 0.3292



72.4066, 0.3139, 0.3183



21.0719, 0.3142, 0.3292



0.0000, 0.0000, 0.0000



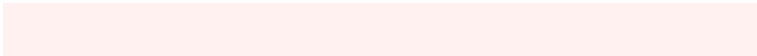
21.4041, 0.3127, 0.3290

Same Dimension

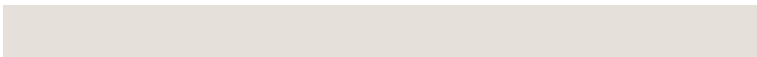
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3861, 0.3206, 0.3301



90.5033, 0.3227, 0.3304



75.2571, 0.3202, 0.3359



15.2935, 0.3238, 0.3305



9.9048, 0.6328, 0.3358



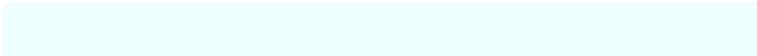
0.8051, 0.6151, 0.3498

Inverse Universe

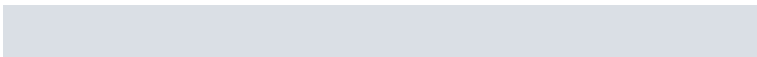
The Inverse Universe completely reimagines the original color for something new.



76.0478, 0.3053, 0.3279



96.3228, 0.3034, 0.3276



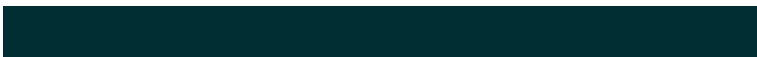
73.1157, 0.3054, 0.3220



16.3784, 0.3025, 0.3275



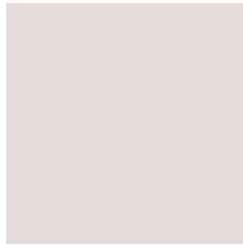
29.1338, 0.2167, 0.3001



2.2191, 0.2180, 0.3047

Previews

White Background



This preview shows how the Yxy color 72.3830, 0.3206, 0.3301 looks on a white background.

Color Contrast Check

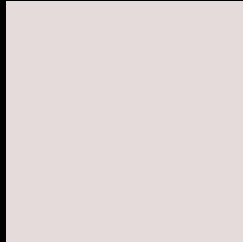
Large Text (above 18pt) WCAG AA × Fail

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 72.3830, 0.3206, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

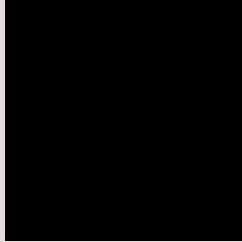
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

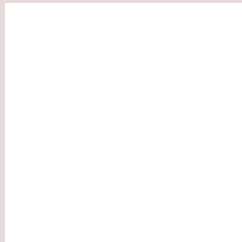
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3830, 0.3206, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 72.3830, 0.3206, 0.3301.

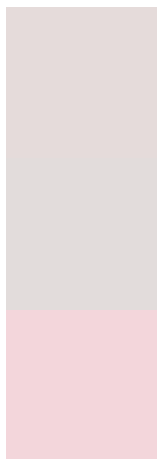


This preview shows how white text looks on a background with the Yxy color 72.3830, 0.3206, 0.3301.

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

72.3830, 0.3206, 0.3301

Protanopia

72.4696, 0.3177, 0.3301

Deuteranopia

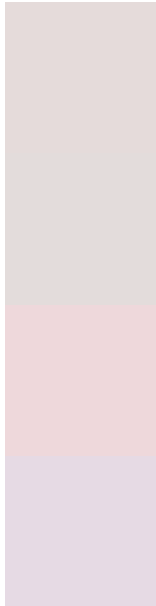
72.2623, 0.3307, 0.3239



Tritanopia

72.5551, 0.3114, 0.3111

Trichromacy



Original Color

72.3830, 0.3206, 0.3301

Protanomaly

72.6318, 0.3184, 0.3301

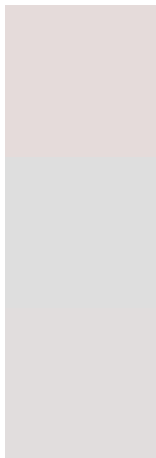
Deuteranomaly

72.4033, 0.3268, 0.3259

Tritanomaly

72.5672, 0.3146, 0.3184

Monochromacy



Original Color

72.3830, 0.3206, 0.3301

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.9409, 0.3156, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3830, 0.3206, 0.3301 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(229, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(229, 219, 218)  
}
```

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(229, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 218) }
```

Border

The CSS property to change the border of an element to Yxy 72.3830, 0.3206, 0.3301 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(229, 219, 218) }
```

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

```
.border{ border-color:rgb(229, 219, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 219,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3830, 0.3206, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 219, 218) }
```

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

```
.background{ background-color: rgb(229,  
219, 218) }
```

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