

Converting Colors

$Yxy(72.8991, 0.3151, 0.3247)$

Have a look what the booklet for
Yxy(72.8991, 0.3151, 0.3247)
contains.

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Color

Yxy(72.8991, 0.3151, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCE0
RGB	227, 220, 224
RGB Percent	89%, 86%, 88%
CMY	0.1095, 0.1373, 0.1215
CMYK	0.00, 0.03, 0.01, 0.11
HSL	326°, 11%, 88%
HSV	326°, 3%, 89%
XYZ	70.7438, 72.8991, 80.8693
YIQ	222.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

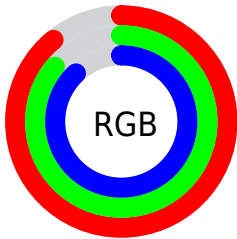
Format	Color
R_{YB}	227, 220, 224
Decimal	14933216
CIE Lab	88.40, 3.13, -1.12
CIE LCh	88, 3.324, 340.261
Yxy	72.8991, 0.3151, 0.3247
Android (android.graphics.Color)	4293123296 (0xFFE3DCE0)
YUV	222.5490, 0.7153, 3.9035
Hunter-Lab	85.3810, -1.5176, 3.6097

Details

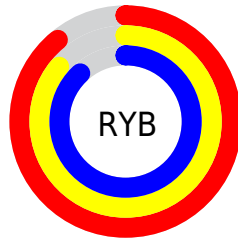
The Yxy color **72.8991, 0.3151, 0.3247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5208, 0.3104, 0.3333**, and the grayscale version is **73.4571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5455, 0.3158, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **61.2657, 0.3237, 0.3104**, and if you desaturate by 10%, it is **86.1884, 0.3079, 0.3382**.

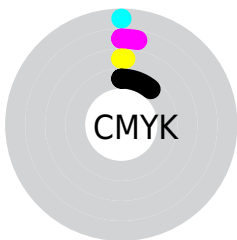
Distribution



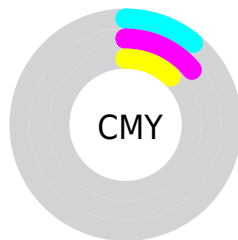
- Red (89%)
- Green (86%)
- Blue (88%)



- Red (89%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8991, 0.3151, 0.3247 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 72.8991, 0.3151, 0.3247 by changing the saturation by 10% instead.

■ 72.8991, 0.3151,
0.3247

■ 72.8991, 0.3151,
0.3247

470.6650, 0.3140,
0.3267

■ 53.8935, 0.3153,
0.3242

123.3340, 0.3147,
0.3254

■ 38.5165, 0.3157,
0.3237

155.5320, 0.3146,
0.3257

■ 26.3838, 0.3160,
0.3230

192.8962, 0.3144,
0.3259

■ 17.1110, 0.3166,
0.3220

235.8111, 0.3143,
0.3261

■ 10.3137, 0.3173,
0.3208

284.6611, 0.3142,
0.3263

■ 5.6074, 0.3183,
0.3189

339.8304, 0.3142,

■ 2.6079, 0.3198,

0.3264

0.3161

401.7036, 0.3141,
0.3266

0.9306, 0.3227,
0.3109

0.0000, 0.0000,
0.0000

72.8991, 0.3151,
0.3247

72.8991, 0.3151,
0.3247

61.2657, 0.3237,
0.3104

86.1884, 0.3079,
0.3382

51.2133, 0.3340,
0.2955

94.3716, 0.3021,
0.3404

42.6754, 0.3463,
0.2803

94.9822, 0.2967,
0.3305

35.5770, 0.3605,
0.2655

95.0826, 0.2958,
0.3290

■ 29.8369, 0.3769,
0.2520

■ 25.3653, 0.3952,
0.2407

■ 22.0619, 0.4150,
0.2329

■ 19.8109, 0.4356,
0.2298

■ 18.4720, 0.4560,
0.2320

Harmonies

Analogous

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



72.8991, 0.3110, 0.3226



72.8991, 0.3151, 0.3247



72.8991, 0.3185, 0.3279

Triad

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



72.8991, 0.3151, 0.3247



72.8991, 0.3180, 0.3359



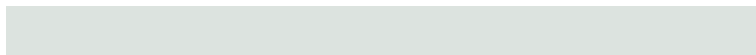
72.8991, 0.3051, 0.3265

Complementary

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



72.8991, 0.3151, 0.3247



75.5208, 0.3104, 0.3333

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.



72.8991, 0.3069, 0.3301



72.8991, 0.3151, 0.3247



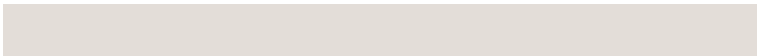
72.8991, 0.3144, 0.3355

Square

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



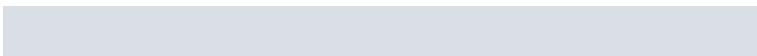
72.8991, 0.3151, 0.3247



72.8991, 0.3202, 0.3344



72.8991, 0.3103, 0.3334



72.8991, 0.3053, 0.3236

Rectangle

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



72.8991, 0.3151, 0.3247



72.8991, 0.3200, 0.3303



72.8991, 0.3103, 0.3334



72.8991, 0.3055, 0.3277

Sweetspot

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



72.9022, 0.3151, 0.3247



98.3130, 0.3135, 0.3276



72.4052, 0.3101, 0.3214



21.0608, 0.3134, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

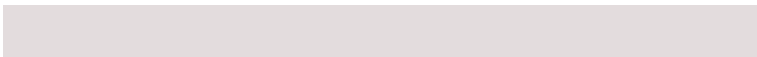
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9022, 0.3151, 0.3247



93.3833, 0.3158, 0.3234



72.7176, 0.3174, 0.3284



15.7438, 0.3164, 0.3225



10.4716, 0.4668, 0.2345



0.7924, 0.4397, 0.2196

Inverse Universe

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



72.9022, 0.3151, 0.3247



93.3833, 0.3158, 0.3234



75.7081, 0.3082, 0.3296



15.7438, 0.3164, 0.3225



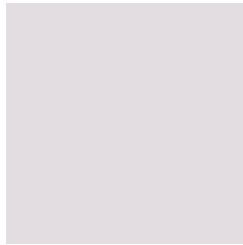
10.4716, 0.4668, 0.2345



0.7924, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 72.8991, 0.3151, 0.3247 looks on a white background.

Color Contrast Check

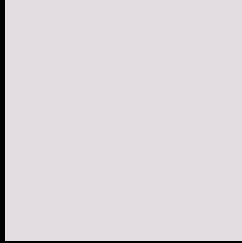
Large Text (above 18pt) WCAG AA × Fail

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 72.8991, 0.3151, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

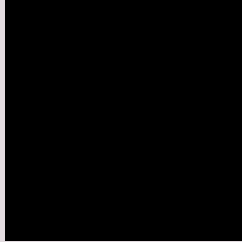
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

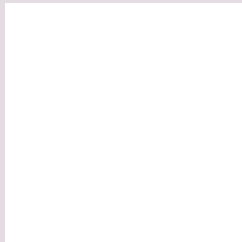
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8991, 0.3151, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 72.8991, 0.3151, 0.3247.

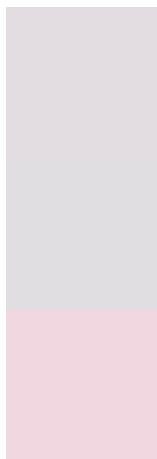


This preview shows how white text looks on a background with the Yxy color 72.8991, 0.3151, 0.3247.

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

72.8991, 0.3151, 0.3247

Protanopia

73.1023, 0.3136, 0.3258

Deuteranopia

72.9144, 0.3256, 0.3187



Tritanopia

72.7990, 0.3093, 0.3111

Trichromacy



Original Color

72.8991, 0.3151, 0.3247

Protanomaly

73.2635, 0.3143, 0.3258

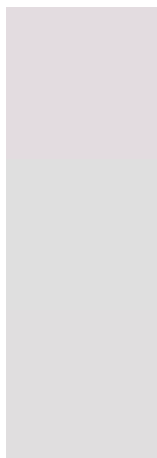
Deuteranomaly

73.0665, 0.3218, 0.3207

Tritanomaly

72.9265, 0.3112, 0.3163

Monochromacy



Original Color

72.8991, 0.3151, 0.3247

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4176, 0.3135, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8991, 0.3151, 0.3247 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(227, 220, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 224)  
}
```

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(227, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 224) }
```

Border

The CSS property to change the border of an element to Yxy 72.8991, 0.3151, 0.3247 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(227, 220, 224) }
```

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

```
.border{ border-color:rgb(227, 220, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8991, 0.3151, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 224) }
```

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

```
.background{ background-color: rgb(227,  
220, 224) }
```

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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