

Converting Colors

$Y_{xy}(71.0895, 0.3155, 0.3242)$

Have a look what the booklet for
Yxy(71.0895, 0.3155, 0.3242)
contains.

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Color

Yxy(70.9072, 0.3151, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	E1D9DE
RGB	225, 217, 222
RGB Percent	88%, 85%, 87%
CMY	0.1177, 0.1490, 0.1293
CMYK	0.00, 0.04, 0.01, 0.12
HSL	322°, 12%, 87%
HSV	322°, 4%, 88%
XYZ	69.0447, 70.9072, 79.1680
YIQ	219.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

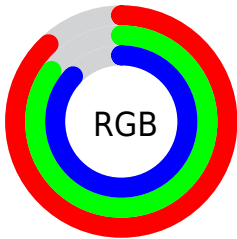
Format	Color
R _Y B	225, 217, 222
Decimal	14801374
CIE Lab	87.44, 3.61, -1.50
CIE LCh	87, 3.907, 337.451
Yxy	70.9072, 0.3151, 0.3236
Android (android.graphics.Color)	4292991454 (0xFFE1D9DE)
YUV	219.9620, 1.0047, 4.4183
Hunter-Lab	84.2064, -1.0009, 3.2020

Details

The Yxy color **70.9072, 0.3151, 0.3236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7553, 0.3104, 0.3345**, and the grayscale version is **71.5337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1767, 0.3159, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **59.6549, 0.3227, 0.3078**, and if you desaturate by 10%, it is **83.7688, 0.3087, 0.3385**.

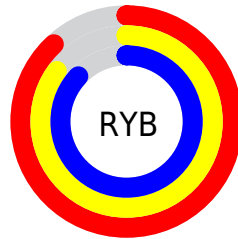
Distribution



Red (88%)

Green (85%)

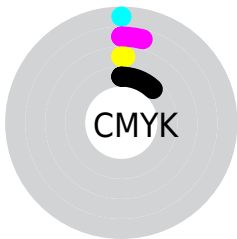
Blue (87%)



Red (88%)

Yellow (85%)

Blue (87%)

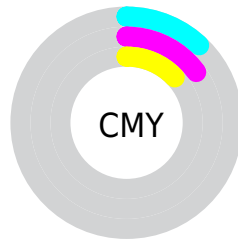


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9072, 0.3151, 0.3236 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 70.9072, 0.3151, 0.3236 by changing the saturation by 10% instead.

■ 70.9072, 0.3151,
0.3236

■ 70.9072, 0.3151,
0.3236

463.7290, 0.3140,
0.3261

■ 52.2665, 0.3154,
0.3230

120.5016, 0.3147,
0.3245

■ 37.2175, 0.3157,
0.3223

152.2240, 0.3146,
0.3248

■ 25.3759, 0.3161,
0.3214

189.0758, 0.3144,
0.3251

■ 16.3574, 0.3166,
0.3202

231.4414, 0.3143,
0.3254

■ 9.7774, 0.3173,
0.3186

279.7051, 0.3142,
0.3256

■ 5.2516, 0.3183,
0.3163

334.2513, 0.3141,

■ 2.3956, 0.3199,

0.3258

395.4645, 0.3141,
0.3260

0.3125

0.8236, 0.3231,
0.3054

0.0000, 0.0000,
0.0000

70.9072, 0.3151,
0.3236

70.9072, 0.3151,
0.3236

59.6549, 0.3227,
0.3078

83.7688, 0.3087,
0.3385

49.9387, 0.3317,
0.2913

93.7383, 0.3035,
0.3456

41.6936, 0.3423,
0.2747

94.2422, 0.2989,
0.3370

34.8464, 0.3545,
0.2586

94.7434, 0.2946,
0.3289

■ 29.3173, 0.3684,
0.2437

■ 25.0187, 0.3837,
0.2313

■ 21.8522, 0.4001,
0.2225

■ 19.7038, 0.4169,
0.2182

■ 18.4359, 0.4336,
0.2192

Harmonies

Analogous

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



70.9072, 0.3103, 0.3213



70.9072, 0.3151, 0.3236



70.9072, 0.3193, 0.3273

Triad

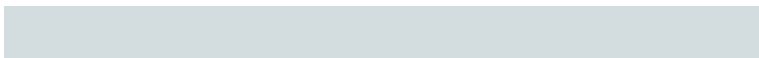
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9072, 0.3151, 0.3236



70.9072, 0.3193, 0.3371



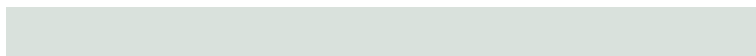
70.9072, 0.3038, 0.3264

Complementary

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



70.9072, 0.3151, 0.3236



73.7553, 0.3104, 0.3345

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.



70.9072, 0.3062, 0.3307



70.9072, 0.3151, 0.3236



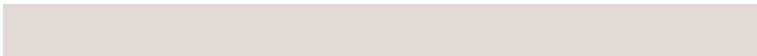
70.9072, 0.3151, 0.3369

Square

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



70.9072, 0.3151, 0.3236



70.9072, 0.3217, 0.3351



70.9072, 0.3103, 0.3345



70.9072, 0.3038, 0.3229

Rectangle

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



70.9072, 0.3151, 0.3236



70.9072, 0.3212, 0.3301



70.9072, 0.3103, 0.3345



70.9072, 0.3044, 0.3278

Sweetspot

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



70.9103, 0.3151, 0.3236



98.3230, 0.3134, 0.3275



70.2716, 0.3095, 0.3203



21.0628, 0.3133, 0.3276



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.



70.9103, 0.3151, 0.3236



93.4226, 0.3154, 0.3228



70.7010, 0.3178, 0.3279



15.0164, 0.3159, 0.3218



10.3650, 0.4417, 0.2207



0.7356, 0.4182, 0.2077

Inverse Universe

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



70.9103, 0.3151, 0.3236



93.4226, 0.3154, 0.3228



73.9669, 0.3079, 0.3301



15.0164, 0.3159, 0.3218



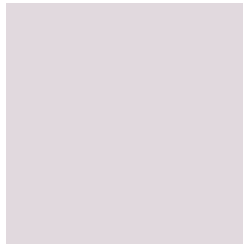
10.3650, 0.4417, 0.2207



0.7356, 0.4182, 0.2077

Previews

White Background



This preview shows how the Yxy color 70.9072, 0.3151, 0.3236 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 70.9072, 0.3151, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

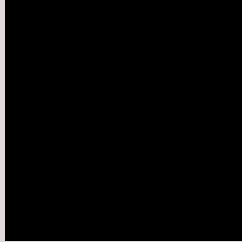
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

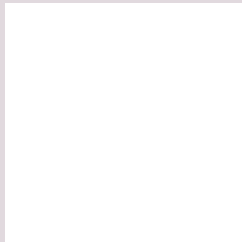
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9072, 0.3151, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 70.9072, 0.3151, 0.3236.

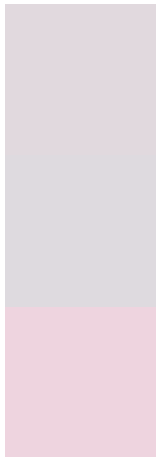


This preview shows how white text looks on a background with the Yxy color 70.9072, 0.3151, 0.3236.

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

70.9072, 0.3151, 0.3236

Protanopia

71.0001, 0.3123, 0.3236

Deuteranopia

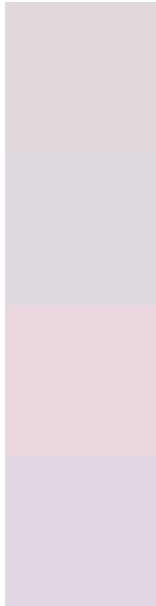
70.5918, 0.3244, 0.3175



Tritanopia

70.7580, 0.3100, 0.3109

Trichromacy



Original Color

70.9072, 0.3151, 0.3236

Protanomaly

71.1585, 0.3130, 0.3236

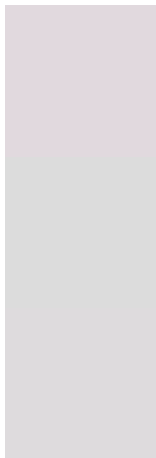
Deuteranomaly

70.7445, 0.3205, 0.3195

Tritanomaly

70.8819, 0.3119, 0.3162

Monochromacy



Original Color

70.9072, 0.3151, 0.3236

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4131, 0.3135, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9072, 0.3151, 0.3236 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(225, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(225, 217, 222)  
}
```

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(225, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 217, 222) }
```

Border

The CSS property to change the border of an element to Yxy 70.9072, 0.3151, 0.3236 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(225, 217, 222) }
```

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

```
.border{ border-color:rgb(225, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(225, 217,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9072, 0.3151, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 217, 222) }
```

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

```
.background{ background-color: rgb(225,  
217, 222) }
```

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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