

Converting Colors

$Yxy(72.2635, 0.3201, 0.3278)$

Have a look what the booklet for
Yxy(72.2635, 0.3201, 0.3278)
contains.

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Color

Yxy(72.1331, 0.3200, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E6DADC
RGB	230, 218, 220
RGB Percent	90%, 85%, 86%
CMY	0.0982, 0.1450, 0.1372
CMYK	0.00, 0.05, 0.04, 0.10
HSL	350°, 19%, 88%
HSV	350°, 5%, 90%
XYZ	70.6106, 72.1331, 77.9143
YIQ	221.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

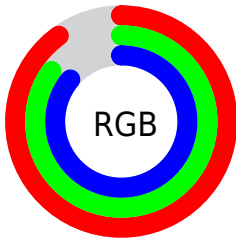
Format	Color
R _Y B	230, 218, 220
Decimal	15129308
CIE Lab	88.03, 4.43, 0.48
CIE LCh	88, 4.452, 6.165
Yxy	72.1331, 0.3200, 0.3269
Android (android.graphics.Color)	4293319388 (0xFFE6DADC)
YUV	221.8160, -0.8953, 7.1774
Hunter-Lab	84.9312, -0.2273, 5.0603

Details

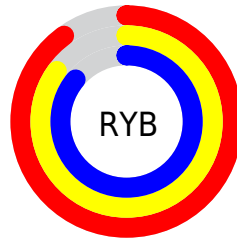
The Yxy color **72.1331, 0.3200, 0.3269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.0731, 0.3059, 0.3311**, and the grayscale version is **72.9110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9097, 0.3214, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **60.0661, 0.3366, 0.3226**, and if you desaturate by 10%, it is **85.9774, 0.3066, 0.3309**.

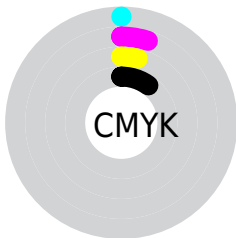
Distribution



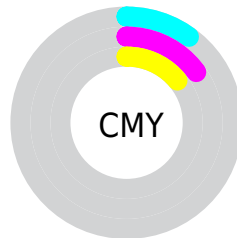
- Red (90%)
- Green (85%)
- Blue (86%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1331, 0.3200, 0.3269 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 72.1331, 0.3200, 0.3269 by changing the saturation by 10% instead.


 72.1331, 0.3200,
0.3269

 72.1331, 0.3200,
0.3269


468.0047, 0.3166,
0.3279

 53.2674, 0.3208,
0.3267


122.2457, 0.3188,
0.3272

 38.0163, 0.3217,
0.3264


154.2615, 0.3184,
0.3274

 25.9953, 0.3230,
0.3260


191.4294, 0.3180,
0.3275

 16.8201, 0.3246,
0.3256

234.1338, 0.3176,
0.3276

 10.1063, 0.3268,
0.3249

282.7592, 0.3173,
0.3277

 5.4695, 0.3299,
0.3239

337.6898, 0.3171,

 2.5253, 0.3350,

0.3278

0.3224

399.3102, 0.3168,
0.3278

0.8893, 0.3444,
0.3196

0.0000, 0.0000,
0.0000

72.1331, 0.3200,
0.3269

72.1331, 0.3200,
0.3269

60.0661, 0.3366,
0.3226

85.9774, 0.3066,
0.3309

49.6953, 0.3571,
0.3181

95.5544, 0.2975,
0.3290

40.9474, 0.3824,
0.3136

33.7400, 0.4132,
0.3094

■ 27.9835, 0.4496,
0.3060

■ 23.5791, 0.4907,
0.3042

■ 20.4153, 0.5337,
0.3048

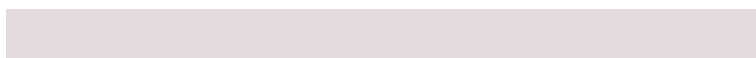
■ 18.3631, 0.5742,
0.3084

■ 17.2644, 0.6065,
0.3148

Harmonies

Analogous

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



72.1331, 0.3152, 0.3227



72.1331, 0.3200, 0.3269



72.1331, 0.3229, 0.3317

Triad

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



72.1331, 0.3200, 0.3269



72.1331, 0.3156, 0.3380



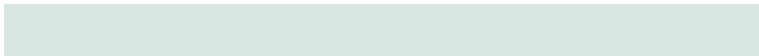
72.1331, 0.3026, 0.3222

Complementary

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



72.1331, 0.3200, 0.3269



77.0731, 0.3059, 0.3311

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.



72.1331, 0.3027, 0.3262



72.1331, 0.3200, 0.3269



72.1331, 0.3102, 0.3354

Square

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



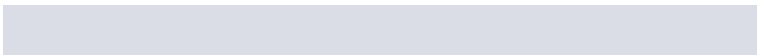
72.1331, 0.3200, 0.3269



72.1331, 0.3203, 0.3381



72.1331, 0.3055, 0.3311



72.1331, 0.3051, 0.3200

Rectangle

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



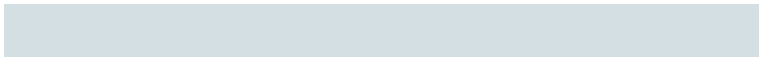
72.1331, 0.3200, 0.3269



72.1331, 0.3233, 0.3345



72.1331, 0.3055, 0.3311



72.1331, 0.3023, 0.3234

Sweetspot

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



72.1362, 0.3200, 0.3269



96.5182, 0.3154, 0.3282



72.3520, 0.3119, 0.3163



20.6953, 0.3153, 0.3282



0.0000, 0.0000, 0.0000



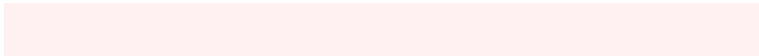
21.4041, 0.3127, 0.3290

Same Dimension

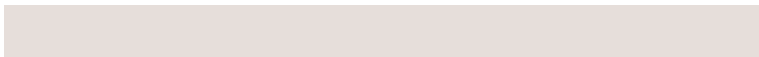
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1362, 0.3200, 0.3269



89.8292, 0.3213, 0.3266



74.1187, 0.3210, 0.3333



15.1683, 0.3222, 0.3263



9.6164, 0.6153, 0.3163



0.7224, 0.5779, 0.2957

Inverse Universe

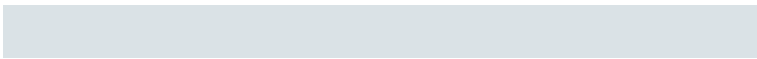
The Inverse Universe completely reimagines the original color for something new.



72.1362, 0.3200, 0.3269



89.8292, 0.3213, 0.3266



74.9970, 0.3047, 0.3247



15.1683, 0.3222, 0.3263



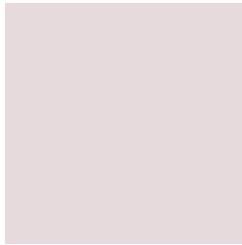
9.6164, 0.6153, 0.3163



0.7224, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 72.1331, 0.3200, 0.3269 looks on a white background.

Color Contrast Check

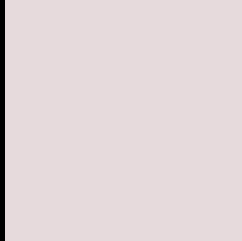
Large Text (above 18pt) WCAG AA × Fail

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 72.1331, 0.3200, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

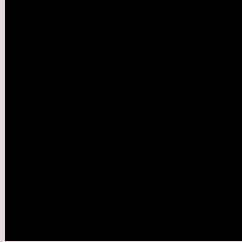
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

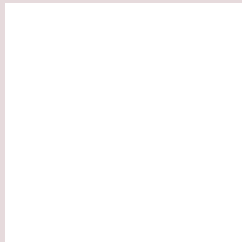
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1331, 0.3200, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 72.1331, 0.3200, 0.3269.

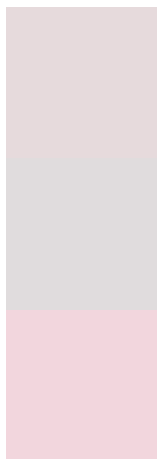


This preview shows how white text looks on a background with the Yxy color 72.1331, 0.3200, 0.3269.

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

72.1331, 0.3200, 0.3269

Protanopia

72.2542, 0.3149, 0.3279

Deuteranopia

72.1908, 0.3286, 0.3218



Tritanopia

72.1507, 0.3128, 0.3111

Trichromacy



Original Color

72.1331, 0.3200, 0.3269

Protanomaly

72.0522, 0.3164, 0.3269

Deuteranomaly

71.9985, 0.3255, 0.3227

Tritanomaly

72.2161, 0.3154, 0.3174

Monochromacy



Original Color

72.1331, 0.3200, 0.3269

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 72.1331, 0.3200, 0.3269 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(230, 218, 220)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 220)  
}
```

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(230, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 220) }
```

Border

The CSS property to change the border of an element to Yxy 72.1331, 0.3200, 0.3269 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(230, 218, 220) }
```

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

```
.border{ border-color:rgb(230, 218, 220) }
```

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

Here you see how a box with a 4 pixel rgb(230, 218, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1331, 0.3200, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 220) }
```

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

```
.background{ background-color: rgb(230,  
218, 220) }
```

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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