

Converting Colors

$Y_{xy}(72.7176, 0.3174, 0.3284)$

Have a look what the booklet for
Yxy(72.7176, 0.3174, 0.3284)
contains.

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Color

Yxy(72.7378, 0.3171, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCDD
RGB	227, 220, 221
RGB Percent	89%, 86%, 87%
CMY	0.1095, 0.1373, 0.1333
CMYK	0.00, 0.03, 0.03, 0.11
HSL	351°, 11%, 88%
HSV	351°, 3%, 89%
XYZ	70.3420, 72.7378, 78.7494
YIQ	222.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

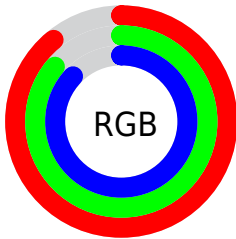
Format	Color
R _Y B	227, 220, 221
Decimal	14933213
CIE Lab	88.32, 2.60, 0.34
CIE LCh	88, 2.624, 7.469
Yxy	72.7378, 0.3171, 0.3279
Android (android.graphics.Color)	4293123293 (0xFFE3DCDD)
YUV	222.2070, -0.5951, 4.2035
Hunter-Lab	85.2865, -2.0292, 4.9550

Details

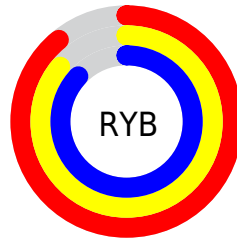
The Yxy color **72.7378, 0.3171, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6858, 0.3085, 0.3301**, and the grayscale version is **73.2121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4341, 0.3184, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **60.6464, 0.3333, 0.3242**, and if you desaturate by 10%, it is **86.5738, 0.3040, 0.3313**.

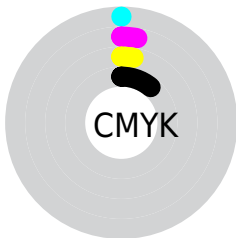
Distribution



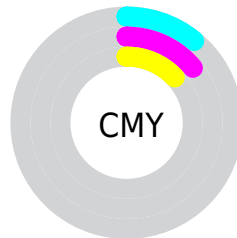
- Red (89%)
- Green (86%)
- Blue (87%)



- Red (89%)
- Yellow (86%)
- Blue (87%)



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



- Cyan (11%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7378, 0.3171, 0.3279 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 72.7378, 0.3171, 0.3279 by changing the saturation by 10% instead.

■ 72.7378, 0.3171,
0.3279

■ 72.7378, 0.3171,
0.3279

470.1056, 0.3151,
0.3284

■ 53.7616, 0.3176,
0.3278

123.1049, 0.3164,
0.3281

■ 38.4111, 0.3181,
0.3276

155.2646, 0.3161,
0.3282

■ 26.3019, 0.3189,
0.3274

192.5876, 0.3159,
0.3282

■ 17.0496, 0.3198,
0.3272

235.4582, 0.3157,
0.3283

■ 10.2699, 0.3211,
0.3269

284.2610, 0.3155,
0.3283

■ 5.5783, 0.3230,
0.3264

339.3802, 0.3153,

■ 2.5904, 0.3261,

0.3284

0.3256

401.2002, 0.3152,
0.3284

0.9218, 0.3316,
0.3241

0.0000, 0.0000,
0.0000

72.7378, 0.3171,
0.3279

72.7378, 0.3171,
0.3279

60.6464, 0.3333,
0.3242

86.5738, 0.3040,
0.3313

50.2213, 0.3534,
0.3203

95.0833, 0.2958,
0.3290

41.3922, 0.3783,
0.3163

34.0801, 0.4087,
0.3126

■ 28.1993, 0.4449,
0.3094

■ 23.6558, 0.4861,
0.3076

■ 20.3438, 0.5299,
0.3078

■ 18.1419, 0.5716,
0.3106

■ 16.9035, 0.6056,
0.3161

Harmonies

Analogous

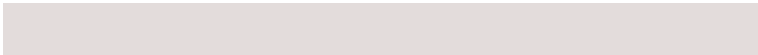
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7378, 0.3143, 0.3254



72.7378, 0.3171, 0.3279



72.7378, 0.3187, 0.3307

Triad

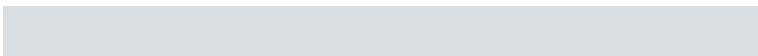
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7378, 0.3171, 0.3279



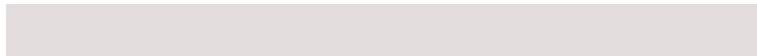
72.7378, 0.3143, 0.3342



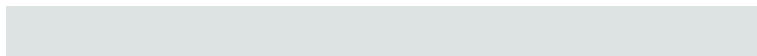
72.7378, 0.3068, 0.3249

Complementary

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



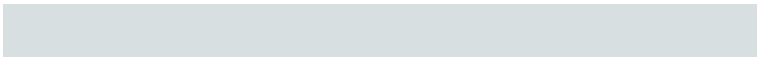
72.7378, 0.3171, 0.3279



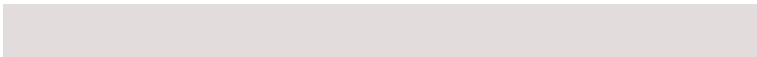
75.6858, 0.3085, 0.3301

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.



72.7378, 0.3068, 0.3273



72.7378, 0.3171, 0.3279



72.7378, 0.3111, 0.3327

Square

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



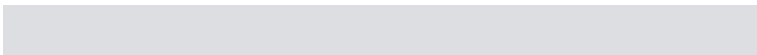
72.7378, 0.3171, 0.3279



72.7378, 0.3171, 0.3344



72.7378, 0.3084, 0.3301



72.7378, 0.3084, 0.3237

Rectangle

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



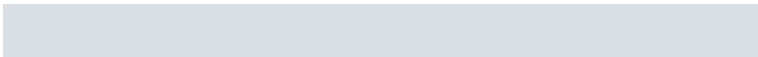
72.7378, 0.3171, 0.3279



72.7378, 0.3189, 0.3324



72.7378, 0.3084, 0.3301



72.7378, 0.3066, 0.3256

Sweetspot

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



72.7409, 0.3171, 0.3279



98.2443, 0.3141, 0.3287



72.8973, 0.3123, 0.3214



21.0468, 0.3140, 0.3287



0.0000, 0.0000, 0.0000



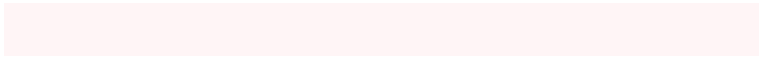
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7409, 0.3171, 0.3279



93.1154, 0.3184, 0.3276



73.9991, 0.3176, 0.3317



15.6904, 0.3195, 0.3273



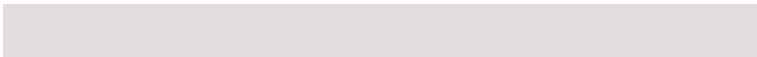
9.5991, 0.6198, 0.3188



0.7201, 0.5847, 0.2995

Inverse Universe

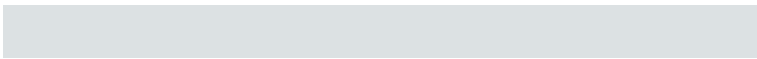
The Inverse Universe completely reimagines the original color for something new.



72.7409, 0.3171, 0.3279



93.1154, 0.3184, 0.3276



74.3934, 0.3079, 0.3263



15.6904, 0.3195, 0.3273



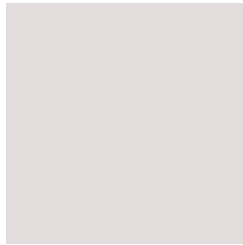
9.5991, 0.6198, 0.3188



0.7201, 0.5847, 0.2995

Previews

White Background



This preview shows how the Yxy color 72.7378, 0.3171, 0.3279 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 72.7378, 0.3171, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

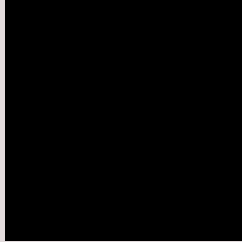
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

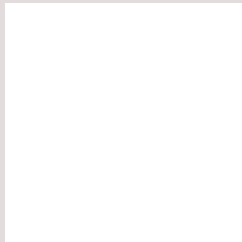
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7378, 0.3171, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 72.7378, 0.3171, 0.3279.

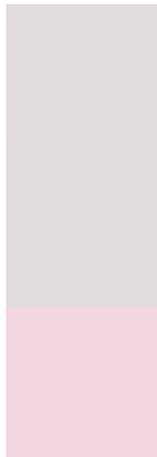


This preview shows how white text looks on a background with the Yxy color 72.7378, 0.3171, 0.3279.

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

72.7378, 0.3171, 0.3279

Protanopia

72.4144, 0.3156, 0.3279

Deuteranopia

72.9295, 0.3285, 0.3218



Tritanopia

72.7990, 0.3093, 0.3111

Trichromacy



Original Color

72.7378, 0.3171, 0.3279

Protanomaly

72.5756, 0.3163, 0.3279

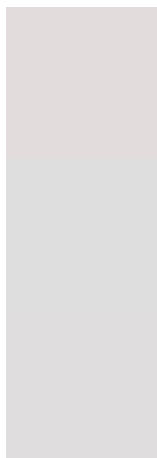
Deuteranomaly

72.9042, 0.3239, 0.3238

Tritanomaly

72.8702, 0.3118, 0.3173

Monochromacy



Original Color

72.7378, 0.3171, 0.3279

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8341, 0.3142, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7378, 0.3171, 0.3279 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.7378, 0.3171, 0.3279 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, 221) }
```

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

```
.border{ border-color:rgb(227, 220, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
221) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7378, 0.3171, 0.3279$ 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, 221) }
```

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

```
.background{ background-color: rgb(227,  
220, 221) }
```

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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