

Converting Colors

$Y_{xy}(71.7202, 0.3184, 0.3241)$

Have a look what the booklet for
Yxy(71.7202, 0.3184, 0.3241)
contains.

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Color

Yxy(71.5576, 0.3180, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E5D9DE
RGB	229, 217, 222
RGB Percent	90%, 85%, 87%
CMY	0.1022, 0.1489, 0.1294
CMYK	0.00, 0.05, 0.03, 0.10
HSL	335°, 19%, 87%
HSV	335°, 5%, 90%
XYZ	70.2975, 71.5576, 79.2063
YIQ	221.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

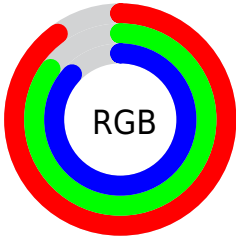
Format	Color
R _Y B	229, 217, 222
Decimal	15063518
CIE Lab	87.76, 4.95, -0.98
CIE LCh	88, 5.048, 348.765
Yxy	71.5576, 0.3180, 0.3237
Android (android.graphics.Color)	4293253598 (0xFFE5D9DE)
YUV	221.1580, 0.4151, 6.8774
Hunter-Lab	84.5917, 0.3018, 3.6988

Details

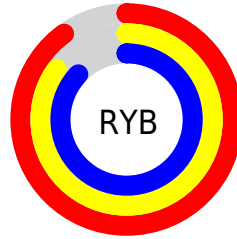
The Yxy color **71.5576, 0.3180, 0.3237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1474, 0.3077, 0.3344**, and the grayscale version is **72.4145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6294, 0.3197, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **59.8755, 0.3298, 0.3130**, and if you desaturate by 10%, it is **84.9401, 0.3083, 0.3337**.

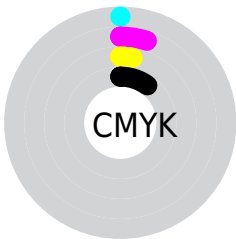
Distribution



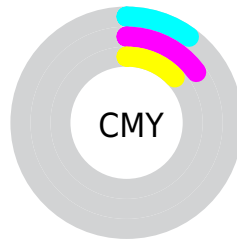
- Red (90%)
- Green (85%)
- Blue (87%)



- Red (90%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (10%)




- Cyan (10%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5576, 0.3180, 0.3237 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 71.5576, 0.3180, 0.3237 by changing the saturation by 10% instead.


 71.5576, 0.3180,
0.3237

 71.5576, 0.3180,
0.3237


466.0003, 0.3156,
0.3262

 52.7974, 0.3186,
0.3231


121.4273, 0.3172,
0.3246

 37.6410, 0.3193,
0.3224


153.3056, 0.3168,
0.3249

 25.7042, 0.3201,
0.3216

190.3254, 0.3165,
0.3252

 16.6025, 0.3213,
0.3204

232.8711, 0.3163,
0.3254

 9.9515, 0.3229,
0.3188

281.3270, 0.3161,
0.3256

 5.3668, 0.3252,
0.3165

336.0776, 0.3159,

 2.4640, 0.3288,

0.3258

0.3129

397.5072, 0.3157,
0.3260

0.8585, 0.3355,
0.3063

0.0000, 0.0000,
0.0000

71.5576, 0.3180,
0.3237

71.5576, 0.3180,
0.3237

59.8755, 0.3298,
0.3130

84.9401, 0.3083,
0.3337

49.8160, 0.3441,
0.3019

94.9914, 0.3004,
0.3353

41.3094, 0.3614,
0.2906

95.3899, 0.2969,
0.3290

34.2771, 0.3819,
0.2797

■ 28.6336, 0.4059,
0.2701

■ 24.2843, 0.4330,
0.2628

■ 21.1232, 0.4624,
0.2593

■ 19.0265, 0.4925,
0.2606

■ 17.8429, 0.5213,
0.2673

Harmonies

Analogous

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



71.5576, 0.3119, 0.3199



71.5576, 0.3180, 0.3237



71.5576, 0.3227, 0.3289

Triad

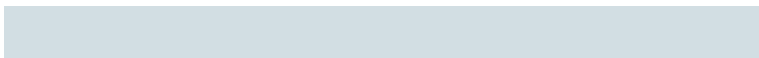
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5576, 0.3180, 0.3237



71.5576, 0.3193, 0.3397



71.5576, 0.3009, 0.3237

Complementary

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



71.5576, 0.3180, 0.3237



76.1474, 0.3077, 0.3344

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.



71.5576, 0.3028, 0.3290



71.5576, 0.3180, 0.3237



71.5576, 0.3135, 0.3383

Square

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



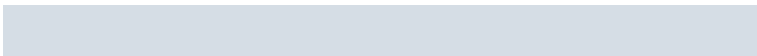
71.5576, 0.3180, 0.3237



71.5576, 0.3235, 0.3381



71.5576, 0.3074, 0.3344



71.5576, 0.3021, 0.3199

Rectangle

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



71.5576, 0.3180, 0.3237



71.5576, 0.3244, 0.3325



71.5576, 0.3074, 0.3344



71.5576, 0.3012, 0.3254

Sweetspot

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



71.5607, 0.3180, 0.3237



96.5989, 0.3147, 0.3270



71.1360, 0.3098, 0.3162



20.7118, 0.3146, 0.3271



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.



71.5607, 0.3180, 0.3237



90.0619, 0.3189, 0.3228



71.8123, 0.3213, 0.3301



15.2116, 0.3195, 0.3222



10.0232, 0.5305, 0.2696



0.7588, 0.4927, 0.2488

Inverse Universe

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



71.5607, 0.3180, 0.3237



90.0619, 0.3189, 0.3228



75.8725, 0.3046, 0.3279



15.2116, 0.3195, 0.3222



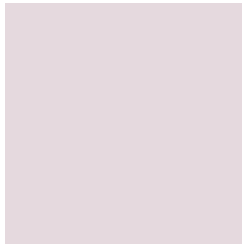
10.0232, 0.5305, 0.2696



0.7588, 0.4927, 0.2488

Previews

White Background



This preview shows how the Yxy color 71.5576, 0.3180, 0.3237 looks on a white background.

Color Contrast Check

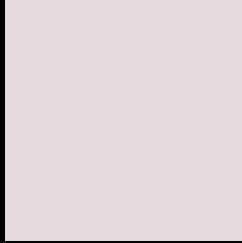
Large Text (above 18pt) WCAG AA × Fail

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 71.5576, 0.3180, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

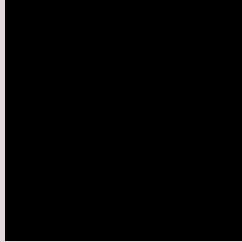
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

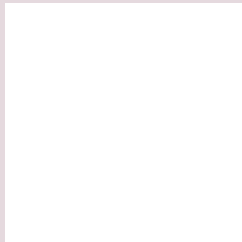
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5576, 0.3180, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 71.5576, 0.3180, 0.3237.

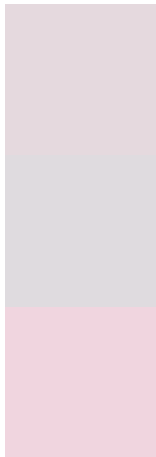


This preview shows how white text looks on a background with the Yxy color 71.5576, 0.3180, 0.3237.

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

71.5576, 0.3180, 0.3237

Protanopia

71.6787, 0.3129, 0.3247

Deuteranopia

71.4415, 0.3258, 0.3186



Tritanopia

71.2501, 0.3121, 0.3110

Trichromacy



Original Color

71.5576, 0.3180, 0.3237

Protanomaly

71.4781, 0.3144, 0.3236

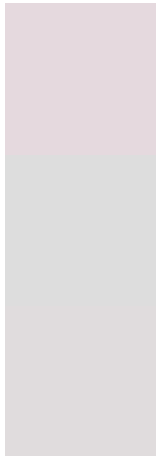
Deuteranomaly

71.2537, 0.3227, 0.3195

Tritanomaly

71.5362, 0.3148, 0.3163

Monochromacy



Original Color

71.5576, 0.3180, 0.3237

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2542, 0.3149, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5576, 0.3180, 0.3237 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, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 217, 222) }
```

Border

The CSS property to change the border of an element to Yxy 71.5576, 0.3180, 0.3237 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, 217, 222) }
```

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

```
.border{ border-color:rgb(229, 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(229, 217, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(229, 217,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5576, 0.3180, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 217, 222) }
```

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

```
.background{ background-color: rgb(229,  
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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