

Converting Colors

$Y_{xy}(71.6751, 0.3140, 0.3185)$

Have a look what the booklet for
Yxy(71.6751, 0.3140, 0.3185)
contains.

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Color

Yxy(71.6657, 0.3139, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	E4D9E3
RGB	228, 217, 227
RGB Percent	89%, 85%, 89%
CMY	0.1059, 0.1490, 0.1096
CMYK	0.00, 0.05, 0.00, 0.11
HSL	305°, 17%, 87%
HSV	305°, 5%, 89%
XYZ	70.6750, 71.6657, 82.8107
YIQ	221.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

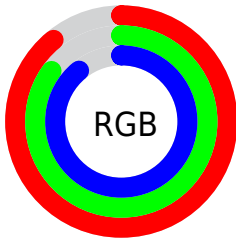
Format	Color
R_YB	228, 217, 227
Decimal	14997987
CIE Lab	87.81, 5.53, -3.58
CIE LCh	88, 6.592, 327.091
Yxy	71.6657, 0.3139, 0.3183
Android (android.graphics.Color)	4293188067 (0xFFE4D9E3)
YUV	221.4290, 2.7465, 5.7628
Hunter-Lab	84.6556, 0.8741, 1.2610

Details

The Yxy color **71.6657, 0.3139, 0.3183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2939, 0.3115, 0.3399**, and the grayscale version is **72.6045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7035, 0.3143, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **60.6077, 0.3166, 0.2955**, and if you desaturate by 10%, it is **84.3547, 0.3115, 0.3402**.

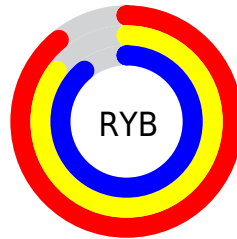
Distribution



Red (89%)

Green (85%)

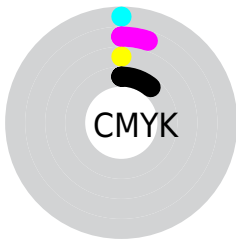
Blue (89%)



Red (89%)

Yellow (85%)

Blue (89%)

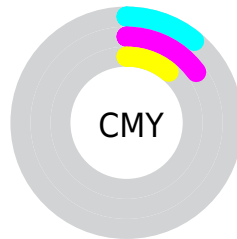


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6657, 0.3139, 0.3183 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 71.6657, 0.3139, 0.3183 by changing the saturation by 10% instead.

71.6657, 0.3139,
0.3183

71.6657, 0.3139,
0.3183

466.3772, 0.3134,
0.3232

52.8856, 0.3140,
0.3172

121.5811, 0.3137,
0.3200

37.7115, 0.3142,
0.3158

153.4853, 0.3136,
0.3207

25.7588, 0.3143,
0.3140

190.5329, 0.3136,
0.3212

16.6433, 0.3146,
0.3118

233.1084, 0.3135,
0.3217

9.9805, 0.3149,
0.3086

281.5962, 0.3135,
0.3222

5.3860, 0.3153,
0.3042

336.3807, 0.3134,

2.4755, 0.3159,

0.3226

0.2972

397.8462, 0.3134,
0.3229

0.8643, 0.3168,
0.2847

0.0000, 0.0000,
0.0000

71.6657, 0.3139,
0.3183

71.6657, 0.3139,
0.3183

60.6077, 0.3166,
0.2955

84.3547, 0.3115,
0.3402

51.1053, 0.3195,
0.2723

93.7810, 0.3097,
0.3535

43.0909, 0.3228,
0.2495

93.8928, 0.3086,
0.3514

36.4884, 0.3262,
0.2278

94.0060, 0.3075,
0.3494

31.2148, 0.3297,
0.2084

94.1204, 0.3064,
0.3473

27.1787, 0.3332,
0.1920

94.2360, 0.3053,
0.3453

24.2769, 0.3367,
0.1796

94.3529, 0.3042,
0.3433

22.3897, 0.3399,
0.1715

94.4711, 0.3031,
0.3413

21.3705, 0.3428,
0.1677

94.5906, 0.3020,
0.3393

Harmonies

Analogous

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



71.6657, 0.3060, 0.3155



71.6657, 0.3139, 0.3183



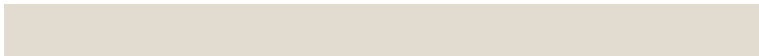
71.6657, 0.3216, 0.3238

Triad

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



71.6657, 0.3139, 0.3183



71.6657, 0.3256, 0.3418



71.6657, 0.2987, 0.3270

Complementary

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



71.6657, 0.3139, 0.3183



75.2939, 0.3115, 0.3399

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.



71.6657, 0.3039, 0.3342



71.6657, 0.3139, 0.3183



71.6657, 0.3194, 0.3429

Square

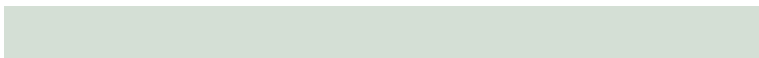
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6657, 0.3139, 0.3183



71.6657, 0.3284, 0.3373



71.6657, 0.3114, 0.3401



71.6657, 0.2973, 0.3204

Rectangle

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



71.6657, 0.3139, 0.3183



71.6657, 0.3255, 0.3284



71.6657, 0.3114, 0.3401



71.6657, 0.3001, 0.3294

Sweetspot

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



71.6688, 0.3139, 0.3183



98.3696, 0.3130, 0.3268



70.1218, 0.3061, 0.3170



21.0723, 0.3129, 0.3269



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.



71.6688, 0.3139, 0.3183



90.5389, 0.3142, 0.3156



71.3719, 0.3176, 0.3241



15.3007, 0.3144, 0.3142



12.1717, 0.3438, 0.1668



0.9058, 0.3401, 0.1647

Inverse Universe

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



71.6688, 0.3139, 0.3183



90.5389, 0.3142, 0.3156



75.5844, 0.3081, 0.3339



15.3007, 0.3144, 0.3142



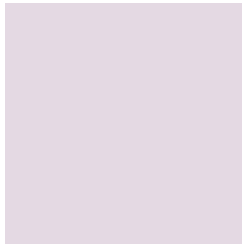
12.1717, 0.3438, 0.1668



0.9058, 0.3401, 0.1647

Previews

White Background



This preview shows how the Yxy color 71.6657, 0.3139, 0.3183 looks on a white background.

Color Contrast Check

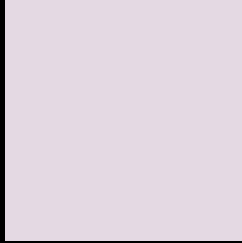
Large Text (above 18pt) WCAG AA × Fail

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 71.6657, 0.3139, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

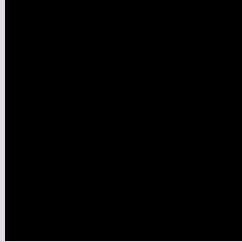
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

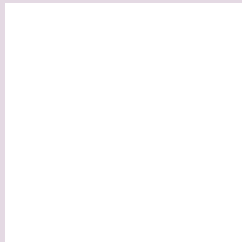
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6657, 0.3139, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 71.6657, 0.3139, 0.3183.



This preview shows how white text looks on a background with the Yxy color 71.6657, 0.3139, 0.3183.

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

71.6657, 0.3139, 0.3183

Protanopia

71.7941, 0.3089, 0.3193

Deuteranopia

71.3671, 0.3208, 0.3134



Tritanopia

71.6529, 0.3107, 0.3110

Trichromacy



Original Color

71.6657, 0.3139, 0.3183

Protanomaly

71.5915, 0.3104, 0.3183

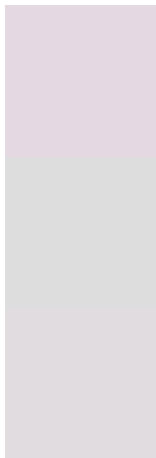
Deuteranomaly

71.1870, 0.3178, 0.3143

Tritanomaly

71.5393, 0.3120, 0.3131

Monochromacy



Original Color

71.6657, 0.3139, 0.3183

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3614, 0.3136, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6657, 0.3139, 0.3183 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(228, 217, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 227)  
}
```

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(228, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 227) }
```

Border

The CSS property to change the border of an element to Yxy 71.6657, 0.3139, 0.3183 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(228, 217, 227) }
```

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

```
.border{ border-color:rgb(228, 217, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6657, 0.3139, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 227) }
```

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

```
.background{ background-color: rgb(228,  
217, 227) }
```

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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