

Converting Colors

Yxy(71.4662, 0.3199, 0.3135)

Have a look what the booklet for
Yxy(71.4662, 0.3199, 0.3135)
contains.

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Color

Yxy(71.1945, 0.3200, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	EDD5E4
RGB	237, 213, 228
RGB Percent	93%, 84%, 89%
CMY	0.0707, 0.1646, 0.1058
CMYK	0.00, 0.10, 0.04, 0.07
HSL	322°, 40%, 88%
HSV	322°, 10%, 93%
XYZ	72.7170, 71.1945, 83.3292
YIQ	221.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

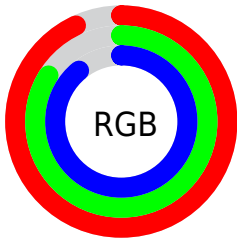
Format	Color
R _Y B	237, 213, 228
Decimal	15586788
CIE Lab	87.58, 10.84, -4.35
CIE LCh	88, 11.681, 338.110
Yxy	71.1945, 0.3200, 0.3133
Android (android.graphics.Color)	4293776868 (0xFFEDD5E4)
YUV	221.8860, 3.0142, 13.2550
Hunter-Lab	84.3768, 6.1741, 0.5100

Details

The Yxy color **71.1945, 0.3200, 0.3133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.9675, 0.3061, 0.3452**, and the grayscale version is **72.9359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2946, 0.3214, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **59.6553, 0.3286, 0.2970**, and if you desaturate by 10%, it is **84.5067, 0.3128, 0.3288**.

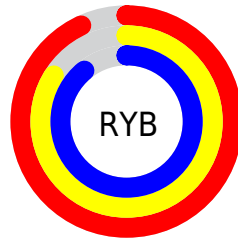
Distribution



Red (93%)

Green (84%)

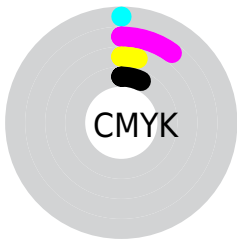
Blue (89%)



Red (93%)

Yellow (84%)

Blue (89%)

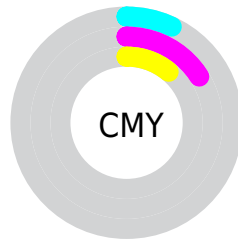


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1945, 0.3200, 0.3133 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 71.1945, 0.3200, 0.3133 by changing the saturation by 10% instead.


 71.1945, 0.3200,
0.3133

 71.1945, 0.3200,
0.3133


464.7331, 0.3167,
0.3205

 52.5009, 0.3208,
0.3117


120.9106, 0.3188,
0.3158

 37.4045, 0.3217,
0.3097


152.7020, 0.3184,
0.3168

 25.5208, 0.3229,
0.3071


189.6281, 0.3180,
0.3176

 16.4655, 0.3244,
0.3038

232.0733, 0.3177,
0.3183

 9.8542, 0.3265,
0.2993

280.4220, 0.3174,
0.3190

 5.3024, 0.3294,
0.2929

335.0586, 0.3171,

 2.4257, 0.3340,

0.3195

0.2830

396.3675, 0.3169,
0.3201

0.8391, 0.3422,
0.2654

0.0000, 0.4378,
0.0000

71.1945, 0.3200,
0.3133

71.1945, 0.3200,
0.3133

59.6553, 0.3286,
0.2970

84.5067, 0.3128,
0.3288

49.8043, 0.3387,
0.2804

96.1545, 0.3069,
0.3382

41.5634, 0.3505,
0.2640

96.7095, 0.3020,
0.3294

34.8449, 0.3640,
0.2486

96.7384, 0.3017,
0.3290

■ 29.5525, 0.3790,
0.2353

■ 25.5789, 0.3952,
0.2252

■ 22.8014, 0.4121,
0.2194

■ 21.0740, 0.4291,
0.2187

■ 20.1545, 0.4455,
0.2228

Harmonies

Analogous

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



71.1945, 0.3056, 0.3065



71.1945, 0.3200, 0.3133



71.1945, 0.3326, 0.3241

Triad

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



71.1945, 0.3200, 0.3133



71.1945, 0.3321, 0.3533



71.1945, 0.2863, 0.3206

Complementary

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



71.1945, 0.3200, 0.3133



79.9675, 0.3061, 0.3452

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.



71.1945, 0.2931, 0.3336



71.1945, 0.3200, 0.3133



71.1945, 0.3194, 0.3528

Square

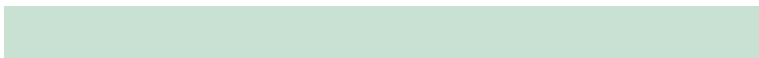
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1945, 0.3200, 0.3133



71.1945, 0.3397, 0.3471



71.1945, 0.3051, 0.3455



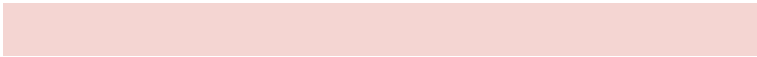
71.1945, 0.2864, 0.3103

Rectangle

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



71.1945, 0.3200, 0.3133



71.1945, 0.3382, 0.3323



71.1945, 0.3051, 0.3455



71.1945, 0.2878, 0.3248

Sweetspot

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



71.1976, 0.3200, 0.3133



95.0334, 0.3148, 0.3244



69.2059, 0.3030, 0.3033



20.0640, 0.3153, 0.3232



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.



71.1976, 0.3200, 0.3133



81.2930, 0.3216, 0.3102



70.5631, 0.3283, 0.3257



15.2129, 0.3195, 0.3143



11.0336, 0.4429, 0.2213



0.8849, 0.4215, 0.2095

Inverse Universe

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



71.1976, 0.3200, 0.3133



81.2930, 0.3216, 0.3102



80.6236, 0.2990, 0.3324



15.2129, 0.3195, 0.3143



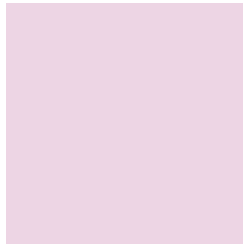
11.0336, 0.4429, 0.2213



0.8849, 0.4215, 0.2095

Previews

White Background



This preview shows how the Yxy color 71.1945, 0.3200, 0.3133 looks on a white background.

Color Contrast Check

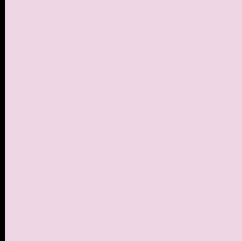
Large Text (above 18pt) WCAG AA × Fail

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 71.1945, 0.3200, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

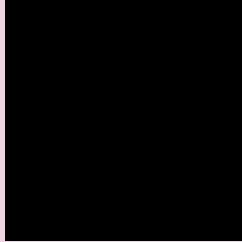
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1945, 0.3200, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 71.1945, 0.3200, 0.3133.



This preview shows how white text looks on a background with the Yxy color 71.1945, 0.3200, 0.3133.

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

71.1945, 0.3200, 0.3133

Protanopia

71.1280, 0.3056, 0.3150

Deuteranopia

71.1945, 0.3200, 0.3133



Tritanopia

71.2502, 0.3194, 0.3123

Trichromacy



Original Color

71.1945, 0.3200, 0.3133

Protanomaly

70.9937, 0.3105, 0.3140

Deuteranomaly

71.1945, 0.3200, 0.3133

Tritanomaly

71.2502, 0.3194, 0.3123

Monochromacy



Original Color

71.1945, 0.3200, 0.3133

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3757, 0.3151, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1945, 0.3200, 0.3133 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(237, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 228)  
}
```

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(237, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 228) }
```

Border

The CSS property to change the border of an element to Yxy 71.1945, 0.3200, 0.3133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

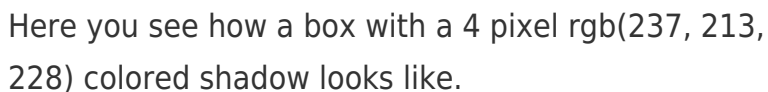
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 213, 228) }
```

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

```
.border{ border-color:rgb(237, 213, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 213, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 213, 228); box-shadow:4px 4px 4px 4px rgb(237, 213, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1945, 0.3200, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 228) }
```

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

```
.background{ background-color: rgb(237,  
213, 228) }
```

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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