

Converting Colors

$Y_{xy}(71.8305, 0.3174, 0.3216)$

Have a look what the booklet for
Yxy(71.8305, 0.3174, 0.3216)
contains.

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Color

Yxy(71.8305, 0.3174, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	E6D9E0
RGB	230, 217, 224
RGB Percent	90%, 85%, 88%
CMY	0.0981, 0.1490, 0.1217
CMYK	0.00, 0.06, 0.03, 0.10
HSL	328°, 21%, 88%
HSV	328°, 6%, 90%
XYZ	70.8924, 71.8305, 80.6306
YIQ	221.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

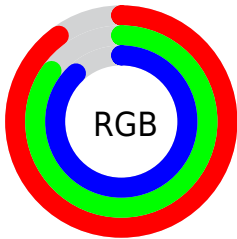
Format	Color
R _Y B	230, 217, 224
Decimal	15129056
CIE Lab	87.89, 5.66, -1.83
CIE LCh	88, 5.944, 342.086
Yxy	71.8305, 0.3174, 0.3216
Android (android.graphics.Color)	4293319136 (0xFFE6D9E0)
YUV	221.6850, 1.1413, 7.2923
Hunter-Lab	84.7529, 0.9906, 2.9208

Details

The Yxy color **71.8305, 0.3174, 0.3216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6649, 0.3083, 0.3365**, and the grayscale version is **72.8012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7039, 0.3179, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **60.2314, 0.3270, 0.3079**, and if you desaturate by 10%, it is **85.1241, 0.3094, 0.3345**.

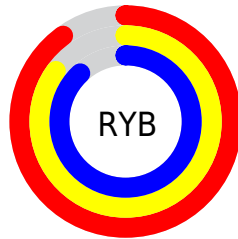
Distribution



Red (90%)

Green (85%)

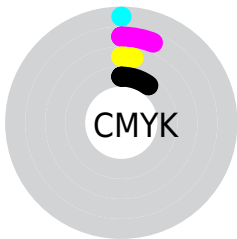
Blue (88%)



Red (90%)

Yellow (85%)

Blue (88%)

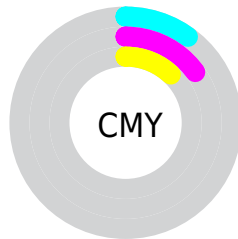


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8305, 0.3174, 0.3216 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 71.8305, 0.3174, 0.3216 by changing the saturation by 10% instead.

71.8305, 0.3174,
0.3216

71.8305, 0.3174,
0.3216

466.9514, 0.3152,
0.3250

53.0202, 0.3179,
0.3208

121.8155, 0.3167,
0.3228

37.8189, 0.3185,
0.3199

153.7590, 0.3164,
0.3232

25.8422, 0.3193,
0.3186

190.8491, 0.3161,
0.3236

16.7056, 0.3203,
0.3170

233.4701, 0.3159,
0.3240

10.0248, 0.3217,
0.3149

282.0065, 0.3157,
0.3243

5.4154, 0.3237,
0.3117

336.8425, 0.3155,

2.4930, 0.3268,

0.3246

0.3068

398.3627, 0.3154,
0.3248

0.8731, 0.3325,
0.2979

0.0000, 0.0000,
0.0000

71.8305, 0.3174,
0.3216

71.8305, 0.3174,
0.3216

60.2314, 0.3270,
0.3079

85.1241, 0.3094,
0.3345

50.2490, 0.3385,
0.2936

94.9491, 0.3029,
0.3387

41.8129, 0.3522,
0.2793

95.5596, 0.2976,
0.3290

34.8442, 0.3682,
0.2654

■ 29.2570, 0.3866,
0.2530

■ 24.9560, 0.4070,
0.2431

■ 21.8341, 0.4290,
0.2371

■ 19.7663, 0.4516,
0.2360

■ 18.5990, 0.4736,
0.2404

Harmonies

Analogous

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



71.8305, 0.3101, 0.3177



71.8305, 0.3174, 0.3216



71.8305, 0.3235, 0.3274

Triad

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



71.8305, 0.3174, 0.3216



71.8305, 0.3218, 0.3414



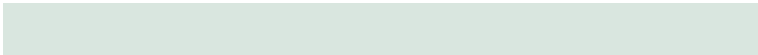
71.8305, 0.2990, 0.3241

Complementary

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



71.8305, 0.3174, 0.3216



76.6649, 0.3083, 0.3365

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.



71.8305, 0.3021, 0.3305



71.8305, 0.3174, 0.3216



71.8305, 0.3152, 0.3406

Square

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



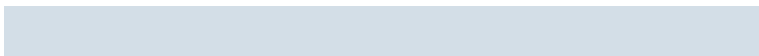
71.8305, 0.3174, 0.3216



71.8305, 0.3260, 0.3389



71.8305, 0.3080, 0.3366



71.8305, 0.2996, 0.3191

Rectangle

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



71.8305, 0.3174, 0.3216



71.8305, 0.3260, 0.3317



71.8305, 0.3080, 0.3366



71.8305, 0.2996, 0.3261

Sweetspot

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



71.8336, 0.3174, 0.3216



96.6379, 0.3143, 0.3264



71.0096, 0.3083, 0.3151



20.7197, 0.3142, 0.3265



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.



71.8336, 0.3174, 0.3216



88.6142, 0.3186, 0.3197



71.4975, 0.3217, 0.3283



14.9843, 0.3191, 0.3190



10.3657, 0.4798, 0.2417



0.7847, 0.4503, 0.2254

Inverse Universe

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



71.8336, 0.3174, 0.3216



88.6142, 0.3186, 0.3197



77.0118, 0.3044, 0.3297



14.9843, 0.3191, 0.3190



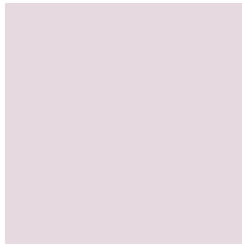
10.3657, 0.4798, 0.2417



0.7847, 0.4503, 0.2254

Previews

White Background



This preview shows how the Yxy color 71.8305, 0.3174, 0.3216 looks on a white background.

Color Contrast Check

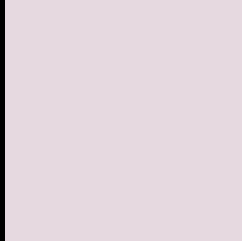
Large Text (above 18pt) WCAG AA × Fail

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 71.8305, 0.3174, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

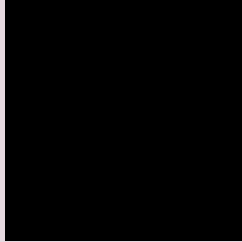
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

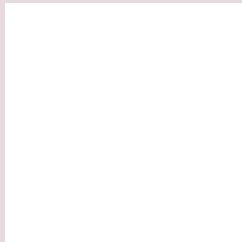
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8305, 0.3174, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 71.8305, 0.3174, 0.3216.

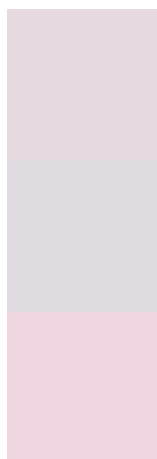


This preview shows how white text looks on a background with the Yxy color 71.8305, 0.3174, 0.3216.

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

71.8305, 0.3174, 0.3216

Protanopia

71.7873, 0.3116, 0.3225

Deuteranopia

72.0546, 0.3243, 0.3176



Tritanopia

71.9839, 0.3121, 0.3111

Trichromacy



Original Color

71.8305, 0.3174, 0.3216

Protanomaly

71.7478, 0.3138, 0.3215

Deuteranomaly

71.8700, 0.3212, 0.3185

Tritanomaly

71.8138, 0.3141, 0.3142

Monochromacy



Original Color

71.8305, 0.3174, 0.3216

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5217, 0.3143, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8305, 0.3174, 0.3216 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, 217, 224)` looks like.

```
.text, #text, p{  
    color:rgb(230, 217, 224)  
}
```

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, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 217, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.8305, 0.3174, 0.3216 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, 217, 224) }
```

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

```
.border{ border-color:rgb(230, 217, 224) }
```

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

Here you see how a box with a 4 pixel rgb(230, 217, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 217,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8305, 0.3174, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 217, 224) }
```

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

```
.background{ background-color: rgb(230,  
217, 224) }
```

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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