

Converting Colors

Yxy(71.5763, 0.3188, 0.3201)

Have a look what the booklet for
Yxy(71.5763, 0.3188, 0.3201)
contains.

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Color

Yxy(71.6494, 0.3189, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	E8D8E0
RGB	232, 216, 224
RGB Percent	91%, 85%, 88%
CMY	0.0902, 0.1529, 0.1214
CMYK	0.00, 0.07, 0.03, 0.09
HSL	330°, 26%, 88%
HSV	330°, 7%, 91%
XYZ	71.2917, 71.6494, 80.6140
YIQ	221.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

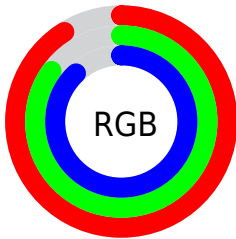
Format	Color
R _Y B	232, 216, 224
Decimal	15259872
CIE Lab	87.80, 6.88, -1.97
CIE LCh	88, 7.157, 344.054
Yxy	71.6494, 0.3189, 0.3205
Android (android.graphics.Color)	4293449952 (0xFFE8D8E0)
YUV	221.6960, 1.1359, 9.0366
Hunter-Lab	84.6460, 2.2083, 2.7864

Details

The Yxy color **71.6494, 0.3189, 0.3205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.6923, 0.3069, 0.3377**, and the grayscale version is **72.8123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5844, 0.3199, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **59.9861, 0.3294, 0.3076**, and if you desaturate by 10%, it is **85.0398, 0.3102, 0.3327**.

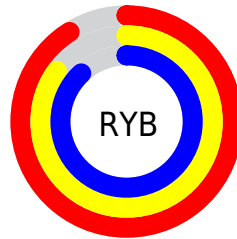
Distribution



Red (91%)

Green (85%)

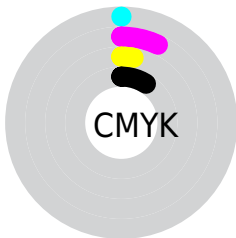
Blue (88%)



Red (91%)

Yellow (85%)

Blue (88%)

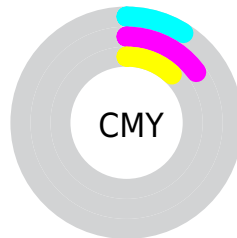


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (9%)



Cyan (9%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6494, 0.3189, 0.3205 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 71.6494, 0.3189, 0.3205 by changing the saturation by 10% instead.

 71.6494, 0.3189,
0.3205

 71.6494, 0.3189,
0.3205

466.3204, 0.3160,
0.3244

 52.8723, 0.3196,
0.3196

121.5579, 0.3179,
0.3219

 37.7009, 0.3204,
0.3185


153.4582, 0.3175,
0.3224

 25.7506, 0.3214,
0.3171


190.5016, 0.3172,
0.3228

 16.6372, 0.3227,
0.3153

233.0726, 0.3169,
0.3232

 9.9761, 0.3245,
0.3128

281.5556, 0.3167,
0.3236

 5.3831, 0.3272,
0.3092

336.3350, 0.3164,

 2.4738, 0.3314,

0.3239

0.3035

397.7951, 0.3162,
0.3242

0.8635, 0.3389,
0.2934

0.0000, 0.0000,
0.0000

71.6494, 0.3189,
0.3205

71.6494, 0.3189,
0.3205

59.9861, 0.3294,
0.3076

85.0398, 0.3102,
0.3327

49.9697, 0.3421,
0.2942

95.4000, 0.3031,
0.3368

41.5278, 0.3572,
0.2807

95.8956, 0.2987,
0.3290

34.5785, 0.3749,
0.2678

■ 29.0329, 0.3952,
0.2564

■ 24.7921, 0.4179,
0.2478

■ 21.7444, 0.4421,
0.2431

■ 19.7590, 0.4669,
0.2435

■ 18.6685, 0.4909,
0.2494

Harmonies

Analogous

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



71.6494, 0.3101, 0.3157



71.6494, 0.3189, 0.3205



71.6494, 0.3261, 0.3276

Triad

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



71.6494, 0.3189, 0.3205



71.6494, 0.3232, 0.3441



71.6494, 0.2961, 0.3226

Complementary

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



71.6494, 0.3189, 0.3205



77.6923, 0.3069, 0.3377

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.



71.6494, 0.2995, 0.3303



71.6494, 0.3189, 0.3205



71.6494, 0.3151, 0.3429

Square

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



71.6494, 0.3189, 0.3205



71.6494, 0.3286, 0.3412



71.6494, 0.3065, 0.3378



71.6494, 0.2971, 0.3167

Rectangle

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



71.6494, 0.3189, 0.3205



71.6494, 0.3289, 0.3327



71.6494, 0.3065, 0.3378



71.6494, 0.2968, 0.3250

Sweetspot

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



71.6525, 0.3189, 0.3205



96.6265, 0.3144, 0.3266



70.7444, 0.3076, 0.3119



20.7174, 0.3143, 0.3267



0.0000, 0.0000, 0.0000



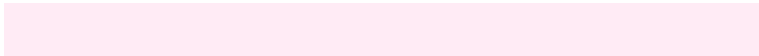
21.4041, 0.3127, 0.3290

Same Dimension

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



71.6525, 0.3189, 0.3205



87.0305, 0.3200, 0.3191



71.2409, 0.3242, 0.3288



14.4881, 0.3214, 0.3173



10.2553, 0.4946, 0.2498



0.7766, 0.4624, 0.2321

Inverse Universe

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



71.6525, 0.3189, 0.3205



87.0305, 0.3200, 0.3191



78.1230, 0.3022, 0.3293



14.4881, 0.3214, 0.3173



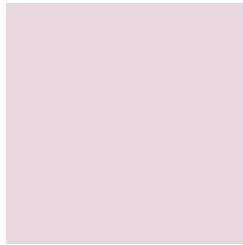
10.2553, 0.4946, 0.2498



0.7766, 0.4624, 0.2321

Previews

White Background



This preview shows how the Yxy color 71.6494, 0.3189, 0.3205 looks on a white background.

Color Contrast Check

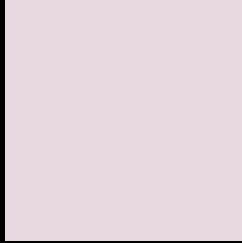
Large Text (above 18pt) WCAG AA × Fail

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 71.6494, 0.3189, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

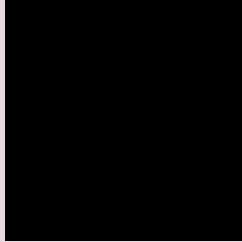
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

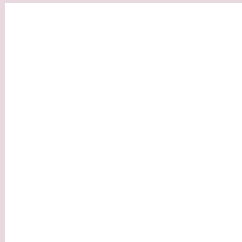
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6494, 0.3189, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 71.6494, 0.3189, 0.3205.

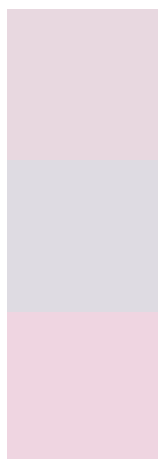


This preview shows how white text looks on a background with the Yxy color 71.6494, 0.3189, 0.3205.

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

71.6494, 0.3189, 0.3205

Protanopia

71.6836, 0.3102, 0.3214

Deuteranopia

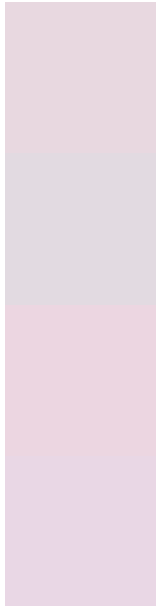
71.3755, 0.3236, 0.3165



Tritanopia

71.7507, 0.3143, 0.3112

Trichromacy



Original Color

71.6494, 0.3189, 0.3205

Protanomaly

71.7478, 0.3138, 0.3215

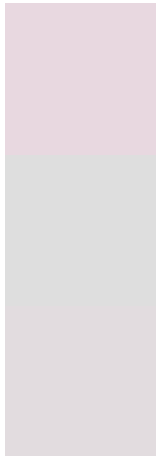
Deuteranomaly

71.3622, 0.3213, 0.3175

Tritanomaly

71.5817, 0.3163, 0.3143

Monochromacy



Original Color

71.6494, 0.3189, 0.3205

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.6829, 0.3150, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6494, 0.3189, 0.3205 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(232, 216, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 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(232, 216, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.6494, 0.3189, 0.3205 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(232, 216, 224) }
```

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

```
.border{ border-color:rgb(232, 216, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6494, 0.3189, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 224) }
```

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

```
.background{ background-color: rgb(232,  
216, 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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