

Converting Colors

$Y_{xy}(71.0039, 0.3190, 0.3188)$

Have a look what the booklet for
Yxy(71.0039, 0.3190, 0.3188)
contains.

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Color

Yxy(71.1385, 0.3190, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	E8D7E0
RGB	232, 215, 224
RGB Percent	91%, 84%, 88%
CMY	0.0903, 0.1568, 0.1217
CMYK	0.00, 0.07, 0.03, 0.09
HSL	328°, 27%, 88%
HSV	328°, 7%, 91%
XYZ	71.0272, 71.1385, 80.4900
YIQ	221.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

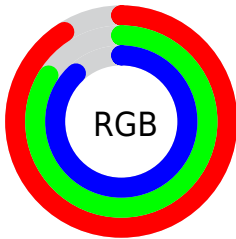
Format	Color
R _Y B	232, 215, 224
Decimal	15259616
CIE Lab	87.55, 7.39, -2.30
CIE LCh	88, 7.735, 342.702
Yxy	71.1385, 0.3190, 0.3195
Android (android.graphics.Color)	4293449696 (0xFFE8D7E0)
YUV	221.1090, 1.4253, 9.5514
Hunter-Lab	84.3436, 2.7164, 2.4595

Details

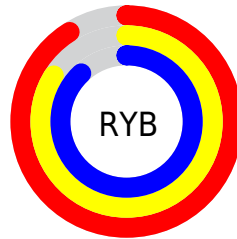
The Yxy color **71.1385, 0.3190, 0.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.4834, 0.3069, 0.3387**, and the grayscale version is **72.3727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2363, 0.3200, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **59.5768, 0.3291, 0.3059**, and if you desaturate by 10%, it is **84.4198, 0.3106, 0.3324**.

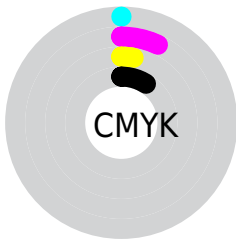
Distribution



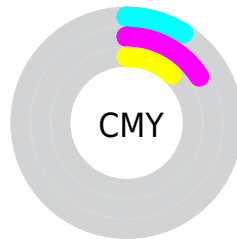
- Red (91%)
- Green (84%)
- Blue (88%)



- Red (91%)
- Yellow (84%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (9%)





- Cyan (9%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1385, 0.3190, 0.3195 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 71.1385, 0.3190, 0.3195 by changing the saturation by 10% instead.


 71.1385, 0.3190,
0.3195

 71.1385, 0.3190,
0.3195


464.5375, 0.3161,
0.3239

 52.4552, 0.3197,
0.3185


120.8309, 0.3180,
0.3210

 37.3681, 0.3205,
0.3173


152.6088, 0.3176,
0.3216

 25.4926, 0.3215,
0.3157


189.5205, 0.3173,
0.3221

 16.4444, 0.3229,
0.3136

231.9501, 0.3170,
0.3226

 9.8392, 0.3247,
0.3109

280.2823, 0.3167,
0.3230

 5.2925, 0.3274,
0.3068

334.9013, 0.3165,

 2.4199, 0.3317,

0.3233

396.1915, 0.3163,
0.3236

0.3005

0.8361, 0.3394,
0.2890

0.0000, 0.0000,
0.0000

71.1385, 0.3190,
0.3195

71.1385, 0.3190,
0.3195

59.5768, 0.3291,
0.3059

84.4198, 0.3106,
0.3324

49.6547, 0.3412,
0.2918

95.3195, 0.3038,
0.3381

41.2993, 0.3556,
0.2777

95.8935, 0.2987,
0.3290

34.4289, 0.3723,
0.2642

■ 28.9542, 0.3915,
0.2523

■ 24.7761, 0.4127,
0.2432

■ 21.7825, 0.4355,
0.2382

■ 19.8416, 0.4586,
0.2382

■ 18.7804, 0.4810,
0.2437

Harmonies

Analogous

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



71.1385, 0.3095, 0.3144



71.1385, 0.3190, 0.3195



71.1385, 0.3269, 0.3271

Triad

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



71.1385, 0.3190, 0.3195



71.1385, 0.3244, 0.3453



71.1385, 0.2948, 0.3223

Complementary

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



71.1385, 0.3190, 0.3195



77.4834, 0.3069, 0.3387

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.



71.1385, 0.2987, 0.3308



71.1385, 0.3190, 0.3195



71.1385, 0.3157, 0.3442

Square

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



71.1385, 0.3190, 0.3195



71.1385, 0.3301, 0.3419



71.1385, 0.3063, 0.3388



71.1385, 0.2956, 0.3159

Rectangle

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



71.1385, 0.3190, 0.3195



71.1385, 0.3301, 0.3326



71.1385, 0.3063, 0.3388



71.1385, 0.2956, 0.3250

Sweetspot

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



71.1416, 0.3190, 0.3195



96.6350, 0.3144, 0.3264



70.1105, 0.3071, 0.3108



20.7191, 0.3143, 0.3266



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.



71.1416, 0.3190, 0.3195



85.5433, 0.3206, 0.3172



70.6972, 0.3248, 0.3284



14.4945, 0.3210, 0.3167



10.3369, 0.4836, 0.2438



0.7826, 0.4533, 0.2271

Inverse Universe

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



71.1416, 0.3190, 0.3195



85.5433, 0.3206, 0.3172



77.9477, 0.3017, 0.3296



14.4945, 0.3210, 0.3167



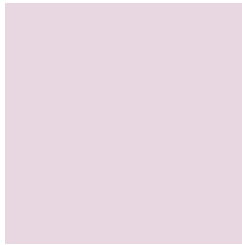
10.3369, 0.4836, 0.2438



0.7826, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 71.1385, 0.3190, 0.3195 looks on a white background.

Color Contrast Check

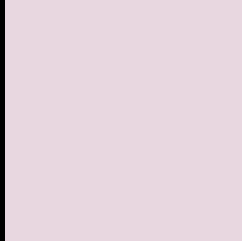
Large Text (above 18pt) WCAG AA × Fail

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 71.1385, 0.3190, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

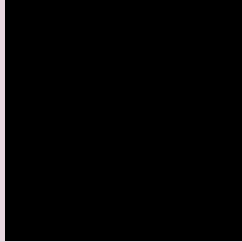
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

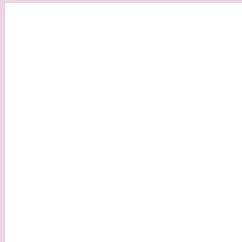
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1385, 0.3190, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 71.1385, 0.3190, 0.3195.

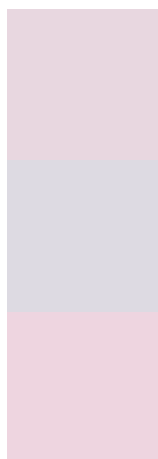


This preview shows how white text looks on a background with the Yxy color 71.1385, 0.3190, 0.3195.

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

71.1385, 0.3190, 0.3195

Protanopia

71.0059, 0.3096, 0.3203

Deuteranopia

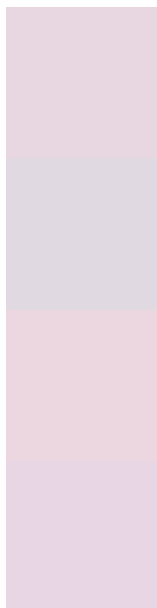
71.1475, 0.3236, 0.3175



Tritanopia

71.1863, 0.3150, 0.3111

Trichromacy



Original Color

71.1385, 0.3190, 0.3195

Protanomaly

71.0695, 0.3131, 0.3204

Deuteranomaly

71.3078, 0.3220, 0.3185

Tritanomaly

71.0182, 0.3171, 0.3142

Monochromacy



Original Color

71.1385, 0.3190, 0.3195

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9445, 0.3150, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1385, 0.3190, 0.3195 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, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 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, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.1385, 0.3190, 0.3195 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, 215, 224) }
```

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

```
.border{ border-color:rgb(232, 215, 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, 215, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1385, 0.3190, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 224) }
```

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

```
.background{ background-color: rgb(232,  
215, 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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