

Converting Colors

Yxy(71.8360, 0.3093, 0.3120)

Have a look what the booklet for
Yxy(71.8360, 0.3093, 0.3120)
contains.

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Color

Yxy(71.8398, 0.3092, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	E3D9E9
RGB	227, 217, 233
RGB Percent	89%, 85%, 91%
CMY	0.1099, 0.1490, 0.0862
CMYK	0.03, 0.07, 0.00, 0.09
HSL	277°, 27%, 88%
HSV	277°, 7%, 91%
XYZ	71.1951, 71.8398, 87.2209
YIQ	221.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

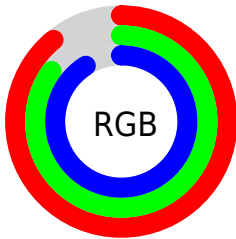
Format	Color
R _Y B	227, 217, 233
Decimal	14932457
CIE Lab	87.89, 6.28, -6.62
CIE LCh	88, 9.127, 313.486
Yxy	71.8398, 0.3092, 0.3120
Android (android.graphics.Color)	4293122537 (0xFFE3D9E9)
YUV	221.8140, 5.5147, 4.5481
Hunter-Lab	84.7584, 1.6088, -1.6817

Details

The Yxy color **71.8398, 0.3092, 0.3120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9990, 0.3160, 0.3461**, and the grayscale version is **72.8690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7856, 0.3090, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **59.2703, 0.3033, 0.2858**, and if you desaturate by 10%, it is **86.1848, 0.3142, 0.3364**.

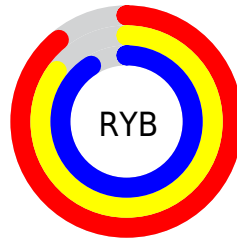
Distribution



Red (89%)

Green (85%)

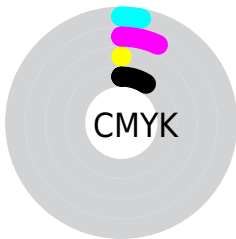
Blue (91%)



Red (89%)

Yellow (85%)

Blue (91%)

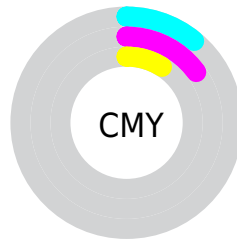


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8398, 0.3092, 0.3120 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 71.8398, 0.3092, 0.3120 by changing the saturation by 10% instead.

71.8398, 0.3092,
0.3120

71.8398, 0.3092,
0.3120

466.9838, 0.3109,
0.3198

53.0278, 0.3088,
0.3102

121.8287, 0.3098,
0.3147

37.8250, 0.3083,
0.3081

153.7745, 0.3100,
0.3157

25.8469, 0.3077,
0.3053

190.8670, 0.3102,
0.3167

16.7091, 0.3069,
0.3017

233.4905, 0.3104,
0.3174

10.0273, 0.3057,
0.2969

282.0296, 0.3105,
0.3181

5.4171, 0.3040,
0.2900

336.8686, 0.3107,

2.4940, 0.3012,

0.3188

0.2793

398.3919, 0.3108,
0.3193

0.8736, 0.2958,
0.2605

0.0000, 0.0000,
0.0000

71.8398, 0.3092,
0.3120

71.8398, 0.3092,
0.3120

59.2703, 0.3033,
0.2858

86.1848, 0.3142,
0.3364

48.3952, 0.2964,
0.2581

96.7421, 0.3189,
0.3507

39.1409, 0.2884,
0.2298

98.3602, 0.3245,
0.3503

31.4245, 0.2795,
0.2016

98.6645, 0.3256,
0.3503

■ 25.1559, 0.2698,
0.1748

■ 20.2350, 0.2597,
0.1507

■ 16.5486, 0.2493,
0.1305

■ 13.9644, 0.2392,
0.1152

■ 12.3131, 0.2297,
0.1049

Harmonies

Analogous

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



71.8398, 0.2991, 0.3103



71.8398, 0.3092, 0.3120



71.8398, 0.3204, 0.3181

Triad

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



71.8398, 0.3092, 0.3120



71.8398, 0.3330, 0.3444



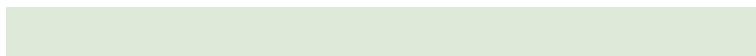
71.8398, 0.2961, 0.3308

Complementary

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



71.8398, 0.3092, 0.3120



78.9990, 0.3160, 0.3461

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.



71.8398, 0.3049, 0.3404



71.8398, 0.3092, 0.3120



71.8398, 0.3263, 0.3482

Square

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



71.8398, 0.3092, 0.3120



71.8398, 0.3343, 0.3365



71.8398, 0.3159, 0.3468



71.8398, 0.2917, 0.3209

Rectangle

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



71.8398, 0.3092, 0.3120



71.8398, 0.3269, 0.3238



71.8398, 0.3159, 0.3468



71.8398, 0.2986, 0.3342

Sweetspot

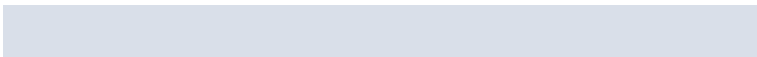
The Sweet Spot groups the original color and five complimentary colors.



71.8429, 0.3092, 0.3120



96.4254, 0.3117, 0.3241



73.4933, 0.3022, 0.3183



20.6765, 0.3118, 0.3244



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.



71.8429, 0.3092, 0.3120



86.2351, 0.3086, 0.3090



72.7377, 0.3148, 0.3142



15.0130, 0.3078, 0.3053



6.8249, 0.2282, 0.1031



0.5907, 0.2410, 0.1101

Inverse Universe

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



72.2904, 0.3202, 0.3226



86.8772, 0.3216, 0.3215



78.1525, 0.3107, 0.3443



15.1482, 0.3234, 0.3201



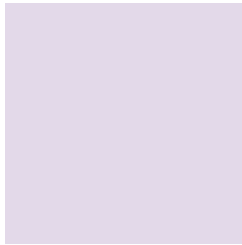
10.2522, 0.5464, 0.2784



0.8232, 0.5088, 0.2577

Previews

White Background



This preview shows how the Yxy color 71.8398, 0.3092, 0.3120 looks on a white background.

Color Contrast Check

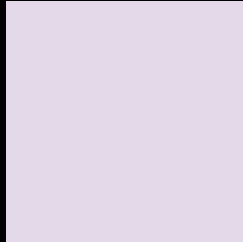
Large Text (above 18pt) WCAG AA × Fail

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 71.8398, 0.3092, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

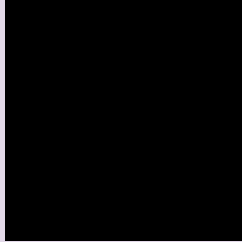
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

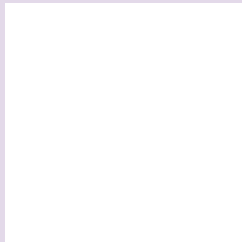
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8398, 0.3092, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 71.8398, 0.3092, 0.3120.

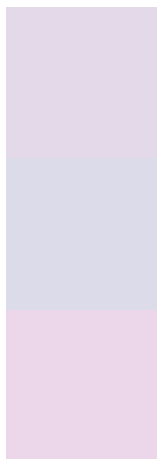


This preview shows how white text looks on a background with the Yxy color 71.8398, 0.3092, 0.3120.

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

71.8398, 0.3092, 0.3120

Protanopia

71.8192, 0.3036, 0.3129

Deuteranopia

71.8665, 0.3151, 0.3082



Tritanopia

71.8971, 0.3086, 0.3110

Trichromacy



Original Color

71.8398, 0.3092, 0.3120

Protanomaly

71.7713, 0.3057, 0.3119

Deuteranomaly

71.8650, 0.3129, 0.3091

Tritanomaly

71.8971, 0.3086, 0.3110

Monochromacy



Original Color

71.8398, 0.3092, 0.3120

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5247, 0.3116, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8398, 0.3092, 0.3120 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(227, 217, 233)` looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 233)  
}
```

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(227, 217, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 233) }
```

Border

The CSS property to change the border of an element to Yxy 71.8398, 0.3092, 0.3120 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(227, 217, 233) }
```

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

```
.border{ border-color:rgb(227, 217, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 217, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 217, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 217, 233);  
box-shadow:4px 4px 4px 4px rgb(227, 217,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8398, 0.3092, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 217, 233) }
```

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

```
.background{ background-color: rgb(227,  
217, 233) }
```

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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