

Converting Colors

Yxy(71.2560, 0.3149, 0.3225)

Have a look what the booklet for
Yxy(71.2560, 0.3149, 0.3225)
contains.

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Color

Yxy(71.1222, 0.3152, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	E2D9DF
RGB	226, 217, 223
RGB Percent	89%, 85%, 87%
CMY	0.1137, 0.1490, 0.1256
CMYK	0.00, 0.04, 0.01, 0.11
HSL	320°, 13%, 87%
HSV	320°, 4%, 89%
XYZ	69.4908, 71.1222, 79.8526
YIQ	220.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

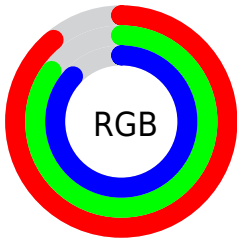
Format	Color
R _Y B	226, 217, 223
Decimal	14866911
CIE Lab	87.54, 4.12, -1.84
CIE LCh	88, 4.514, 336.012
Yxy	71.1222, 0.3152, 0.3226
Android (android.graphics.Color)	4293056991 (0xFFE2D9DF)
YUV	220.3750, 1.2941, 4.9331
Hunter-Lab	84.3340, -0.5014, 2.8943

Details

The Yxy color **71.1222, 0.3152, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3125, 0.3103, 0.3355**, and the grayscale version is **71.8348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3257, 0.3159, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **59.8592, 0.3223, 0.3059**, and if you desaturate by 10%, it is **84.0051, 0.3093, 0.3384**.

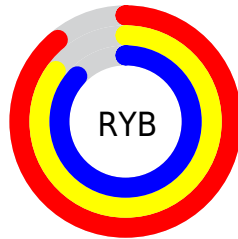
Distribution



Red (89%)

Green (85%)

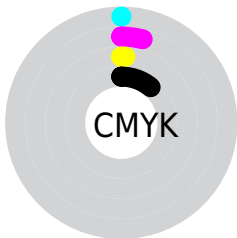
Blue (87%)



Red (89%)

Yellow (85%)

Blue (87%)

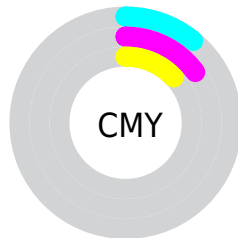


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1222, 0.3152, 0.3226 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 71.1222, 0.3152, 0.3226 by changing the saturation by 10% instead.

■ 71.1222, 0.3152,
0.3226

■ 71.1222, 0.3152,
0.3226

464.4805, 0.3141,
0.3256

■ 52.4419, 0.3155,
0.3219

120.8077, 0.3148,
0.3236

■ 37.3574, 0.3158,
0.3211

152.5817, 0.3146,
0.3240

■ 25.4844, 0.3162,
0.3200

189.4891, 0.3145,
0.3244

■ 16.4383, 0.3167,
0.3186

231.9143, 0.3144,
0.3247

■ 9.8348, 0.3175,
0.3167

280.2416, 0.3143,
0.3249

■ 5.2896, 0.3185,
0.3140

334.8555, 0.3142,

■ 2.4182, 0.3202,

0.3252

0.3096

396.1403, 0.3141,
0.3254

0.8352, 0.3233,
0.3015

0.0000, 0.0000,
0.0000

71.1222, 0.3152,
0.3226

71.1222, 0.3152,
0.3226

59.8592, 0.3223,
0.3059

84.0051, 0.3093,
0.3384

50.1424, 0.3306,
0.2886

93.8728, 0.3044,
0.3461

41.9056, 0.3403,
0.2712

94.3306, 0.3002,
0.3382

35.0747, 0.3514,
0.2543

94.8076, 0.2961,
0.3305

■ 29.5689, 0.3640,
0.2389

■ 94.9078, 0.2952,
0.3289

■ 25.2992, 0.3777,
0.2259

■ 22.1656, 0.3923,
0.2166

■ 20.0522, 0.4072,
0.2119

■ 18.8184, 0.4219,
0.2124

Harmonies

Analogous

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



71.1222, 0.3097, 0.3200



71.1222, 0.3152, 0.3226



71.1222, 0.3201, 0.3268

Triad

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



71.1222, 0.3152, 0.3226



71.1222, 0.3205, 0.3383



71.1222, 0.3025, 0.3262

Complementary

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



71.1222, 0.3152, 0.3226



74.3125, 0.3103, 0.3355

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.



71.1222, 0.3054, 0.3312



71.1222, 0.3152, 0.3226



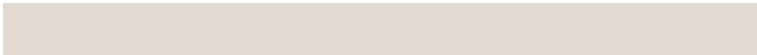
71.1222, 0.3157, 0.3382

Square

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



71.1222, 0.3152, 0.3226



71.1222, 0.3232, 0.3359



71.1222, 0.3102, 0.3356



71.1222, 0.3024, 0.3221

Rectangle

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



71.1222, 0.3152, 0.3226



71.1222, 0.3224, 0.3301



71.1222, 0.3102, 0.3356



71.1222, 0.3032, 0.3278

Sweetspot

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



71.1253, 0.3152, 0.3226



98.3285, 0.3133, 0.3274



70.3387, 0.3089, 0.3192



21.0640, 0.3133, 0.3275



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.



71.1253, 0.3152, 0.3226



91.8595, 0.3159, 0.3209



70.8880, 0.3182, 0.3274



14.7809, 0.3163, 0.3198



10.5002, 0.4284, 0.2133



0.7443, 0.4076, 0.2019

Inverse Universe

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



71.1253, 0.3152, 0.3226



91.8595, 0.3159, 0.3209



74.5519, 0.3075, 0.3306



14.7809, 0.3163, 0.3198



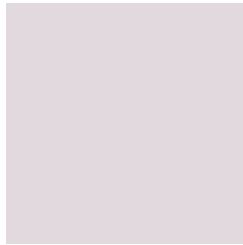
10.5002, 0.4284, 0.2133



0.7443, 0.4076, 0.2019

Previews

White Background



This preview shows how the Yxy color 71.1222, 0.3152, 0.3226 looks on a white background.

Color Contrast Check

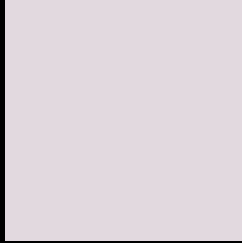
Large Text (above 18pt) WCAG AA × Fail

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 71.1222, 0.3152, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

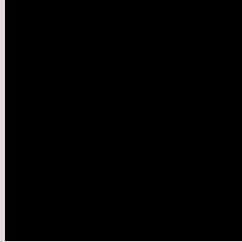
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

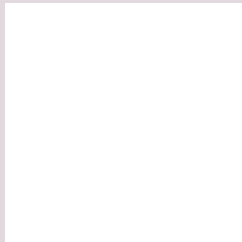
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1222, 0.3152, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 71.1222, 0.3152, 0.3226.

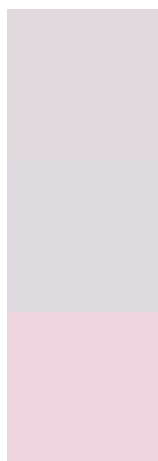


This preview shows how white text looks on a background with the Yxy color 71.1222, 0.3152, 0.3226.

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

71.1222, 0.3152, 0.3226

Protanopia

71.0542, 0.3116, 0.3225

Deuteranopia

71.3210, 0.3243, 0.3175



Tritanopia

71.2688, 0.3099, 0.3120

Trichromacy



Original Color

71.1222, 0.3152, 0.3226

Protanomaly

71.2126, 0.3123, 0.3225

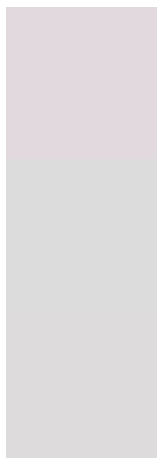
Deuteranomaly

70.9674, 0.3205, 0.3184

Tritanomaly

71.0998, 0.3119, 0.3151

Monochromacy



Original Color

71.1222, 0.3152, 0.3226

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4131, 0.3135, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1222, 0.3152, 0.3226 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(226, 217, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 223)  
}
```

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(226, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 223) }
```

Border

The CSS property to change the border of an element to Yxy 71.1222, 0.3152, 0.3226 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(226, 217, 223) }
```

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

```
.border{ border-color:rgb(226, 217, 223) }
```

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

Here you see how a box with a 4 pixel rgb(226, 217, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1222, 0.3152, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 223) }
```

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

```
.background{ background-color: rgb(226,  
217, 223) }
```

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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