

Converting Colors

$Yxy(73.0885, 0.3123, 0.3219)$

Have a look what the booklet for
Yxy(73.0885, 0.3123, 0.3219)
contains.

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Color

Yxy(72.9012, 0.3124, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	E2DCE3
RGB	226, 220, 227
RGB Percent	89%, 86%, 89%
CMY	0.1135, 0.1373, 0.1098
CMYK	0.00, 0.03, 0.00, 0.11
HSL	292°, 11%, 88%
HSV	292°, 3%, 89%
XYZ	70.8377, 72.9012, 83.0144
YIQ	222.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

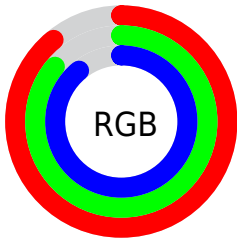
Format	Color
R _Y B	226, 220, 227
Decimal	14867683
CIE Lab	88.40, 3.33, -2.71
CIE LCh	88, 4.289, 320.835
Yxy	72.9012, 0.3124, 0.3215
Android (android.graphics.Color)	4293057763 (0xFFE2DCE3)
YUV	222.5920, 2.1731, 2.9888
Hunter-Lab	85.3822, -1.3255, 2.1218

Details

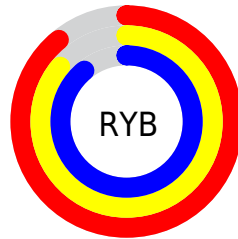
The Yxy color `72.9012, 0.3124, 0.3215` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75.4688, 0.3130, 0.3366`, and the grayscale version is `73.4788, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.5468, 0.3122, 0.3193` is the 20% darker color. If you saturate the color by 10%, you get `61.2998, 0.3112, 0.2965`, and if you desaturate by 10%, it is `86.1355, 0.3133, 0.3452`.

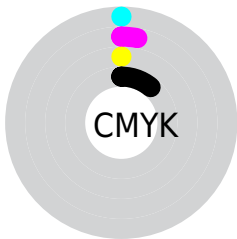
Distribution



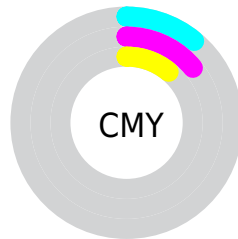
- Red (89%)
- Green (86%)
- Blue (89%)



- Red (89%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9012, 0.3124, 0.3215 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 72.9012, 0.3124, 0.3215 by changing the saturation by 10% instead.

■ 72.9012, 0.3124,
0.3215

■ 72.9012, 0.3124,
0.3215

470.6723, 0.3126,
0.3250

■ 53.8952, 0.3124,
0.3207

123.3369, 0.3125,
0.3227

■ 38.5179, 0.3123,
0.3197

155.5355, 0.3125,
0.3232

■ 26.3849, 0.3122,
0.3185

192.9002, 0.3125,
0.3236

■ 17.1118, 0.3122,
0.3169

235.8157, 0.3125,
0.3239

■ 10.3142, 0.3120,
0.3147

284.6663, 0.3125,
0.3242

■ 5.6078, 0.3119,
0.3116

339.8363, 0.3125,

■ 2.6081, 0.3115,

0.3245

0.3067

401.7102, 0.3125,
0.3247

■ 0.9307, 0.3109,
0.2979

■ 0.0000, 0.0000,
0.0000

■ 72.9012, 0.3124,
0.3215

■ 72.9012, 0.3124,
0.3215

■ 61.2998, 0.3112,
0.2965

■ 86.1355, 0.3133,
0.3452

■ 51.2571, 0.3096,
0.2707

■ 94.2475, 0.3146,
0.3574

■ 42.7070, 0.3076,
0.2448

■ 94.7616, 0.3165,
0.3572

■ 35.5752, 0.3053,
0.2197

■ 95.2846, 0.3184,
0.3571

29.7809, 0.3026,
0.1963

95.8165, 0.3203,
0.3569

25.2352, 0.2995,
0.1759

96.3573, 0.3223,
0.3568

21.8382, 0.2962,
0.1591

96.9071, 0.3242,
0.3566

19.4748, 0.2928,
0.1467

97.4660, 0.3262,
0.3564

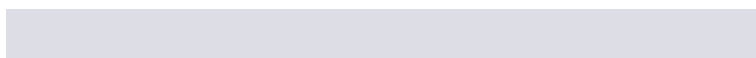
18.0058, 0.2892,
0.1388

98.0339, 0.3282,
0.3563

Harmonies

Analogous

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



72.9012, 0.3074, 0.3202



72.9012, 0.3124, 0.3215



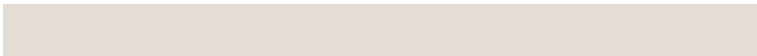
72.9012, 0.3175, 0.3248

Triad

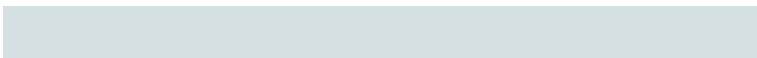
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9012, 0.3124, 0.3215



72.9012, 0.3216, 0.3369



72.9012, 0.3042, 0.3287

Complementary

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



72.9012, 0.3124, 0.3215



75.4688, 0.3130, 0.3366

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.



72.9012, 0.3079, 0.3333



72.9012, 0.3124, 0.3215



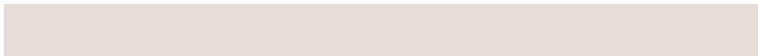
72.9012, 0.3180, 0.3380

Square

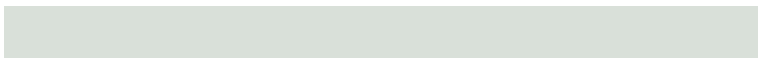
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



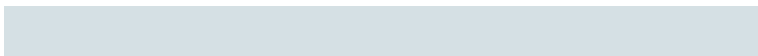
72.9012, 0.3124, 0.3215



72.9012, 0.3229, 0.3336



72.9012, 0.3130, 0.3367



72.9012, 0.3027, 0.3243

Rectangle

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



72.9012, 0.3124, 0.3215



72.9012, 0.3203, 0.3277



72.9012, 0.3130, 0.3367



72.9012, 0.3052, 0.3303

Sweetspot

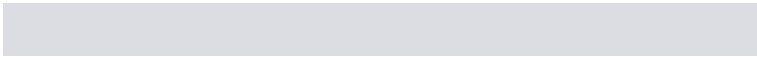
The Sweet Spot groups the original color and five complimentary colors.



72.9043, 0.3124, 0.3215



98.3190, 0.3126, 0.3266



72.4929, 0.3081, 0.3225



21.0620, 0.3126, 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.



72.9043, 0.3124, 0.3215



93.4055, 0.3123, 0.3192



72.9222, 0.3147, 0.3241



15.7481, 0.3122, 0.3175



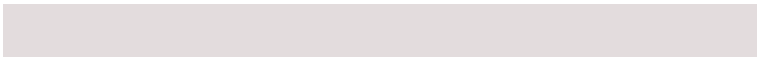
10.1608, 0.2874, 0.1357



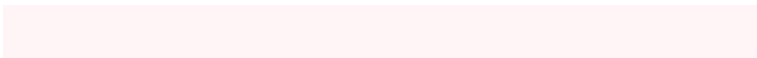
0.7781, 0.2926, 0.1385

Inverse Universe

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



72.7271, 0.3171, 0.3280



93.1080, 0.3185, 0.3277



75.4527, 0.3108, 0.3339



15.6889, 0.3196, 0.3275



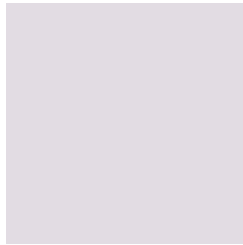
9.5899, 0.6222, 0.3201



0.7188, 0.5887, 0.3017

Previews

White Background



This preview shows how the Yxy color 72.9012, 0.3124, 0.3215 looks on a white background.

Color Contrast Check

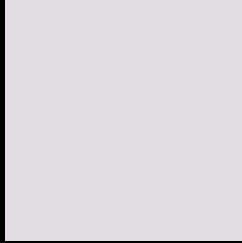
Large Text (above 18pt) WCAG AA × Fail

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 72.9012, 0.3124, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

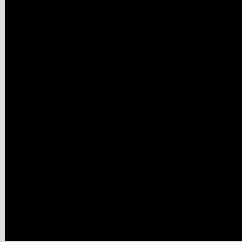
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

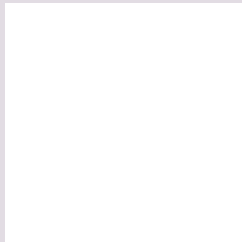
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9012, 0.3124, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 72.9012, 0.3124, 0.3215.

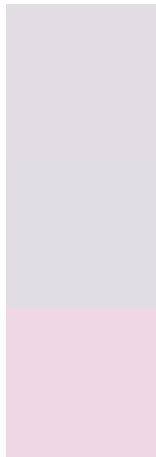


This preview shows how white text looks on a background with the Yxy color 72.9012, 0.3124, 0.3215.

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

72.9012, 0.3124, 0.3215

Protanopia

73.1062, 0.3109, 0.3226

Deuteranopia

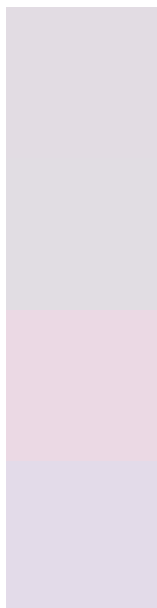
72.7276, 0.3221, 0.3155



Tritanopia

73.0501, 0.3072, 0.3110

Trichromacy



Original Color

72.9012, 0.3124, 0.3215

Protanomaly

73.2665, 0.3116, 0.3226

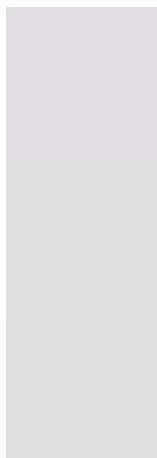
Deuteranomaly

72.8893, 0.3183, 0.3175

Tritanomaly

72.8771, 0.3092, 0.3142

Monochromacy



Original Color

72.9012, 0.3124, 0.3215

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4717, 0.3128, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9012, 0.3124, 0.3215 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, 220, 227) looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 227)  
}
```

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, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 227) }
```

Border

The CSS property to change the border of an element to Yxy 72.9012, 0.3124, 0.3215 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, 220, 227) }
```

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

```
.border{ border-color:rgb(226, 220, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9012, 0.3124, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 227) }
```

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

```
.background{ background-color: rgb(226,  
220, 227) }
```

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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