

Converting Colors

$Y_{xy}(72.9062, 0.3126, 0.3245)$

Have a look what the booklet for
Yxy(72.9062, 0.3126, 0.3245)
contains.

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Color

Yxy(72.9964, 0.3122, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E0DDE1
RGB	224, 221, 225
RGB Percent	88%, 87%, 88%
CMY	0.1216, 0.1333, 0.1176
CMYK	0.00, 0.02, 0.00, 0.12
HSL	285°, 6%, 87%
HSV	285°, 2%, 88%
XYZ	70.1863, 72.9964, 81.6292
YIQ	222.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

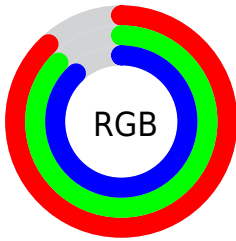
Format	Color
RYB	224, 221, 225
Decimal	14736865
CIELab	88.45, 1.74, -1.61
CIELCh	88, 2.366, 317.176
Yxy	72.9964, 0.3122, 0.3247
Android (android.graphics.Color)	4292926945 (0xFFE0DDE1)
YUV	222.3530, 1.3050, 1.4444
Hunter-Lab	85.4379, -2.8807, 3.1597

Details

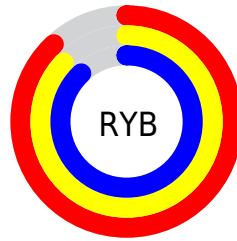
The Yxy color `72.9964, 0.3122, 0.3247` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74.6086, 0.3132, 0.3333`, and the grayscale version is `73.3011, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.6097, 0.3121, 0.3234` is the 20% darker color. If you saturate the color by 10%, you get `61.0062, 0.3089, 0.2996`, and if you desaturate by 10%, it is `86.6158, 0.3149, 0.3482`.

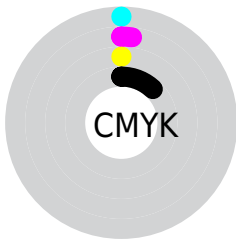
Distribution



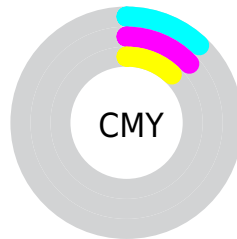
- Red (88%)
- Green (87%)
- Blue (88%)



- Red (88%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9964, 0.3122, 0.3247 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 72.9964, 0.3122, 0.3247 by changing the saturation by 10% instead.

■ 72.9964, 0.3122,
0.3247

■ 72.9964, 0.3122,
0.3247

471.0023, 0.3124,
0.3267

■ 53.9730, 0.3121,
0.3242

123.4721, 0.3123,
0.3254

■ 38.5801, 0.3121,
0.3237

155.6932, 0.3123,
0.3257

■ 26.4332, 0.3120,
0.3230

193.0823, 0.3123,
0.3259

■ 17.1480, 0.3119,
0.3220

236.0239, 0.3124,
0.3261

■ 10.3401, 0.3117,
0.3208

284.9023, 0.3124,
0.3263

■ 5.6250, 0.3115,
0.3189

340.1019, 0.3124,

■ 2.6184, 0.3111,

0.3264

0.3161

402.0071, 0.3124,
0.3266

■ 0.9359, 0.3103,
0.3109

■ 0.0000, 0.0000,
0.0000

■ 72.9964, 0.3122,
0.3247

■ 72.9964, 0.3122,
0.3247

■ 61.0062, 0.3089,
0.2996

■ 86.6158, 0.3149,
0.3482

■ 50.5727, 0.3050,
0.2733

■ 94.6883, 0.3178,
0.3593

■ 41.6315, 0.3004,
0.2464

■ 95.6777, 0.3214,
0.3590

■ 34.1105, 0.2951,
0.2196

■ 96.6986, 0.3251,
0.3586

■ 27.9312, 0.2891,
0.1940

■ 97.7512, 0.3287,
0.3583

■ 23.0074, 0.2826,
0.1707

■ 98.2167, 0.3303,
0.3582

■ 19.2429, 0.2758,
0.1509

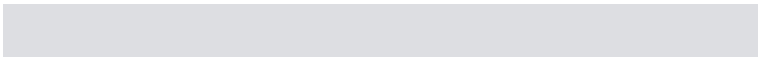
■ 16.5271, 0.2689,
0.1354

■ 14.7274, 0.2621,
0.1247

Harmonies

Analogous

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



72.9964, 0.3095, 0.3241



72.9964, 0.3122, 0.3247



72.9964, 0.3150, 0.3264

Triad

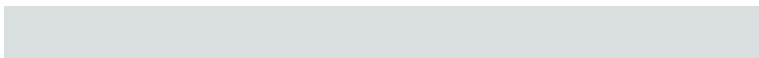
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9964, 0.3122, 0.3247



72.9964, 0.3178, 0.3332



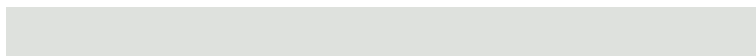
72.9964, 0.3082, 0.3292

Complementary

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



72.9964, 0.3122, 0.3247



74.6086, 0.3132, 0.3333

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.



72.9964, 0.3104, 0.3316



72.9964, 0.3122, 0.3247



72.9964, 0.3159, 0.3340

Square

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



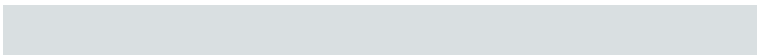
72.9964, 0.3122, 0.3247



72.9964, 0.3183, 0.3313



72.9964, 0.3132, 0.3334



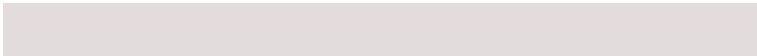
72.9964, 0.3072, 0.3267

Rectangle

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



72.9964, 0.3122, 0.3247



72.9964, 0.3166, 0.3280



72.9964, 0.3132, 0.3334



72.9964, 0.3088, 0.3300

Sweetspot

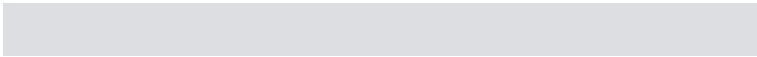
The Sweet Spot groups the original color and five complimentary colors.



72.9995, 0.3122, 0.3247



98.2613, 0.3124, 0.3266



73.0918, 0.3101, 0.3258



21.0503, 0.3124, 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.



72.9995, 0.3122, 0.3247



96.5446, 0.3121, 0.3241



73.1113, 0.3135, 0.3257



15.7373, 0.3122, 0.3244



7.9835, 0.2577, 0.1193



0.5951, 0.2678, 0.1249

Inverse Universe

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



73.0006, 0.3149, 0.3279



96.5463, 0.3152, 0.3278



74.4987, 0.3119, 0.3323



15.7375, 0.3150, 0.3278



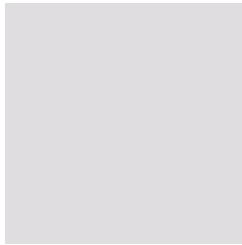
9.4109, 0.5910, 0.3029



0.6666, 0.5470, 0.2787

Previews

White Background



This preview shows how the Yxy color 72.9964, 0.3122, 0.3247 looks on a white background.

Color Contrast Check

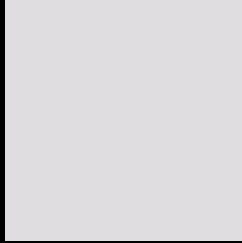
Large Text (above 18pt) WCAG AA × Fail

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 72.9964, 0.3122, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

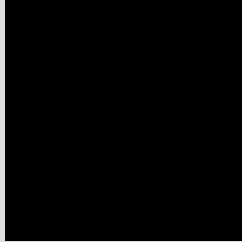
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

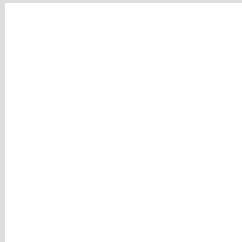
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9964, 0.3122, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 72.9964, 0.3122, 0.3247.

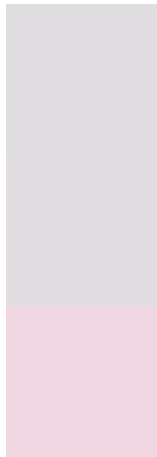


This preview shows how white text looks on a background with the Yxy color 72.9964, 0.3122, 0.3247.

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

72.9964, 0.3122, 0.3247

Protanopia

73.1567, 0.3129, 0.3247

Deuteranopia

72.7926, 0.3242, 0.3176



Tritanopia

72.9462, 0.3059, 0.3100

Trichromacy



Original Color

72.9964, 0.3122, 0.3247

Protanomaly

73.1567, 0.3129, 0.3247

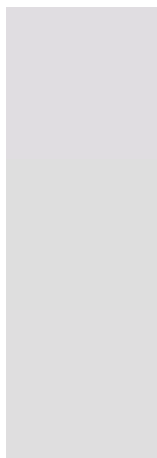
Deuteranomaly

72.7789, 0.3197, 0.3196

Tritanomaly

73.0771, 0.3077, 0.3152

Monochromacy



Original Color

72.9964, 0.3122, 0.3247

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2582, 0.3128, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9964, 0.3122, 0.3247 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(224, 221, 225) looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 225)  
}
```

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(224, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 225) }
```

Border

The CSS property to change the border of an element to Yxy 72.9964, 0.3122, 0.3247 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(224, 221, 225) }
```

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

```
.border{ border-color:rgb(224, 221, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 225);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
225) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.9964, 0.3122, 0.3247$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 225) }
```

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

```
.background{ background-color: rgb(224,  
221, 225) }
```

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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