

Converting Colors

$Yxy(72.7632, 0.3003, 0.3033)$

Have a look what the booklet for
Yxy(72.7632, 0.3003, 0.3033)
contains.

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Color

Yxy(72.9814, 0.3007, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	E0DBF3
RGB	224, 219, 243
RGB Percent	88%, 86%, 95%
CMY	0.1214, 0.1412, 0.0471
CMYK	0.08, 0.10, 0.00, 0.05
HSL	253°, 50%, 91%
HSV	253°, 10%, 95%
XYZ	72.2605, 72.9814, 95.0657
YIQ	223.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

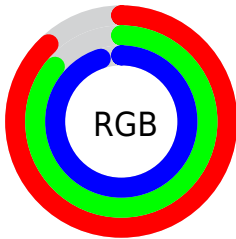
Format	Color
R _Y B	224, 219, 243
Decimal	14736371
CIE Lab	88.44, 6.17, -11.09
CIE LCh	88, 12.691, 299.115
Yxy	72.9814, 0.3007, 0.3037
Android (android.graphics.Color)	4292926451 (0xFFE0DBF3)
YUV	223.2310, 9.7461, 0.6744
Hunter-Lab	85.4292, 1.4837, -6.1776

Details

The Yxy color `72.9814, 0.3007, 0.3037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87.3760, 0.3240, 0.3536`, and the grayscale version is `73.9028, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.5738, 0.2979, 0.2976` is the 20% darker color. If you saturate the color by 10%, you get `58.3246, 0.2867, 0.2752`, and if you desaturate by 10%, it is `89.8405, 0.3129, 0.3293`.

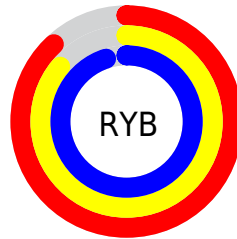
Distribution



Red (88%)

Green (86%)

Blue (95%)



Red (88%)

Yellow (86%)

Blue (95%)

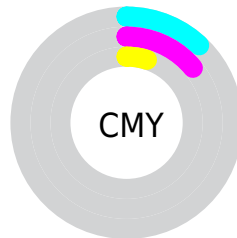


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (12%)


Magenta (14%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9814, 0.3007, 0.3037 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 72.9814, 0.3007, 0.3037 by changing the saturation by 10% instead.


 72.9814, 0.3007,
0.3037

 72.9814, 0.3007,
0.3037


470.9503, 0.3063,
0.3152

 53.9608, 0.2994,
0.3011

123.4508, 0.3027,
0.3077

 38.5703, 0.2978,
0.2979

155.6684, 0.3034,
0.3092

 26.4256, 0.2958,
0.2939


193.0537, 0.3041,
0.3106

 17.1423, 0.2931,
0.2887

235.9911, 0.3046,
0.3117

 10.3360, 0.2895,
0.2817

284.8651, 0.3051,
0.3128

 5.6223, 0.2842,
0.2718

340.0601, 0.3056,

 2.6168, 0.2758,

0.3137

0.2568

401.9603, 0.3060,
0.3145

■ 0.9351, 0.2609,
0.2314

■ 0.0000, 0.0000,
0.0000

■ 72.9814, 0.3007,
0.3037

■ 72.9814, 0.3007,
0.3037

■ 58.3246, 0.2867,
0.2752

■ 89.8405, 0.3129,
0.3293

■ 45.7695, 0.2709,
0.2441

■ 99.2506, 0.3197,
0.3405

■ 35.2216, 0.2535,
0.2111

■ 26.5752, 0.2350,
0.1774

■ 19.7151, 0.2161,
0.1448

■ 14.5133, 0.1980,
0.1155

■ 10.8240, 0.1819,
0.0917

■ 8.4757, 0.1690,
0.0750

■ 7.1937, 0.1597,
0.0654

Harmonies

Analogous

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



72.9814, 0.2890, 0.3044



72.9814, 0.3007, 0.3037



72.9814, 0.3159, 0.3094

Triad

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



72.9814, 0.3007, 0.3037



72.9814, 0.3427, 0.3454



72.9814, 0.2949, 0.3381

Complementary

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



72.9814, 0.3007, 0.3037



87.3760, 0.3240, 0.3536

Split Complementary

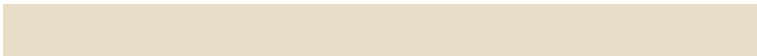
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9814, 0.3090, 0.3499



72.9814, 0.3007, 0.3037



72.9814, 0.3367, 0.3538

Square

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



72.9814, 0.3007, 0.3037



72.9814, 0.3405, 0.3330



72.9814, 0.3243, 0.3557



72.9814, 0.2857, 0.3240

Rectangle

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



72.9814, 0.3007, 0.3037



72.9814, 0.3260, 0.3160



72.9814, 0.3243, 0.3557



72.9814, 0.2992, 0.3425

Sweetspot

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



72.9845, 0.3007, 0.3037



94.0889, 0.3092, 0.3216



82.7905, 0.2974, 0.3239



19.8090, 0.3083, 0.3196



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.



72.9845, 0.3007, 0.3037



77.7113, 0.2978, 0.2978



74.9260, 0.3088, 0.3043



16.0951, 0.3012, 0.3048



3.9881, 0.1607, 0.0659



0.3930, 0.1721, 0.0722

Inverse Universe

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



75.8804, 0.3172, 0.3097



81.5978, 0.3183, 0.3054



85.4107, 0.3162, 0.3542



16.7049, 0.3170, 0.3105



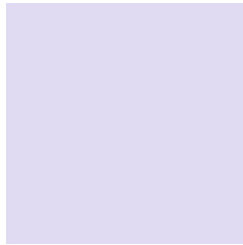
12.5609, 0.3827, 0.1882



1.1186, 0.3735, 0.1831

Previews

White Background



This preview shows how the Yxy color 72.9814, 0.3007, 0.3037 looks on a white background.

Color Contrast Check

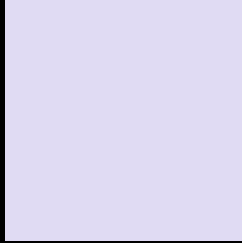
Large Text (above 18pt) WCAG AA × Fail

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 72.9814, 0.3007, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

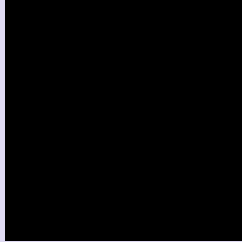
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9814, 0.3007, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 72.9814, 0.3007, 0.3037.

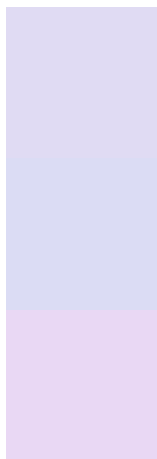


This preview shows how white text looks on a background with the Yxy color 72.9814, 0.3007, 0.3037.

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

72.9814, 0.3007, 0.3037

Protanopia

72.7781, 0.2966, 0.3035

Deuteranopia

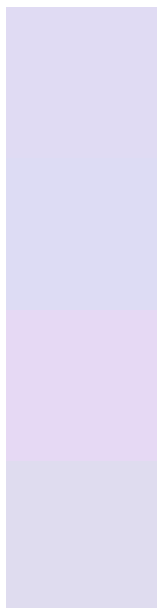
72.9670, 0.3063, 0.3000



Tritanopia

72.9888, 0.3038, 0.3109

Trichromacy



Original Color

72.9814, 0.3007, 0.3037

Protanomaly

73.0902, 0.2980, 0.3036

Deuteranomaly

72.9804, 0.3042, 0.3009

Tritanomaly

73.1064, 0.3025, 0.3088

Monochromacy



Original Color

72.9814, 0.3007, 0.3037

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.6437, 0.3082, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9814, 0.3007, 0.3037 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, 219, 243)` looks like.

```
.text, #text, p{  
    color:rgb(224, 219, 243)  
}
```

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, 219, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 219, 243) }
```

Border

The CSS property to change the border of an element to Yxy 72.9814, 0.3007, 0.3037 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, 219, 243) }
```

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

```
.border{ border-color:rgb(224, 219, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 219, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 219, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 219, 243);  
box-shadow:4px 4px 4px 4px rgb(224, 219,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9814, 0.3007, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 219, 243) }
```

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

```
.background{ background-color: rgb(224,  
219, 243) }
```

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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