

Converting Colors

$Y_{xy}(72.9164, 0.3170, 0.3120)$

Have a look what the booklet for
Yxy(72.9164, 0.3170, 0.3120)
contains.

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Color

Yxy(72.9425, 0.3171, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	EDD8E8
RGB	237, 216, 232
RGB Percent	93%, 85%, 91%
CMY	0.0707, 0.1529, 0.0903
CMYK	0.00, 0.09, 0.02, 0.07
HSL	314°, 37%, 89%
HSV	314°, 9%, 93%
XYZ	74.0399, 72.9425, 86.5083
YIQ	224.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

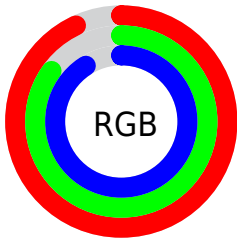
Format	Color
R _Y B	237, 216, 232
Decimal	15587560
CIE Lab	88.42, 9.97, -5.20
CIE LCh	88, 11.246, 332.444
Yxy	72.9425, 0.3171, 0.3124
Android (android.graphics.Color)	4293777640 (0xFFEDD8E8)
YUV	224.1030, 3.8932, 11.3107
Hunter-Lab	85.4064, 5.2828, -0.2705

Details

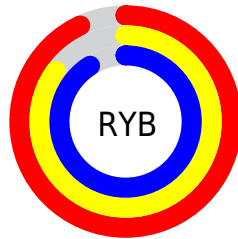
The Yxy color `72.9425, 0.3171, 0.3124` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80.3806, 0.3086, 0.3462`, and the grayscale version is `74.5865, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.4481, 0.3184, 0.3088` is the 20% darker color. If you saturate the color by 10%, you get `61.3490, 0.3228, 0.2929`, and if you desaturate by 10%, it is `86.3038, 0.3122, 0.3311`.

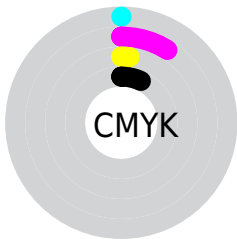
Distribution



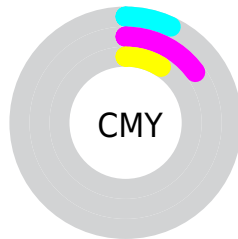
- Red (93%)
- Green (85%)
- Blue (91%)



- Red (93%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9425, 0.3171, 0.3124 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 72.9425, 0.3171, 0.3124 by changing the saturation by 10% instead.

 72.9425, 0.3171,
0.3124

 72.9425, 0.3171,
0.3124


470.8155, 0.3151,
0.3200

 53.9289, 0.3175,
0.3107


123.3956, 0.3164,
0.3150

 38.5449, 0.3181,
0.3086

155.6039, 0.3162,
0.3160

 26.4058, 0.3188,
0.3059


192.9793, 0.3159,
0.3169

 17.1275, 0.3196,
0.3025

235.9060, 0.3157,
0.3177

 10.3254, 0.3208,
0.2979

284.7687, 0.3155,
0.3184

 5.6153, 0.3224,
0.2913

339.9515, 0.3154,

 2.6126, 0.3248,

0.3190

0.2812

401.8390, 0.3153,
0.3195

■ 0.9330, 0.3289,
0.2638

■ 0.0000, 0.3081,
0.0000

■ 72.9425, 0.3171,
0.3124

■ 72.9425, 0.3171,
0.3124

■ 61.3490, 0.3228,
0.2929

■ 86.3038, 0.3122,
0.3311

■ 51.4390, 0.3294,
0.2731

■ 96.0097, 0.3083,
0.3406

■ 43.1358, 0.3370,
0.2537

■ 96.3568, 0.3051,
0.3350

■ 36.3527, 0.3453,
0.2353

■ 96.7146, 0.3020,
0.3294

■ 30.9950, 0.3544,
0.2192

■ 96.7416, 0.3017,
0.3290

■ 26.9571, 0.3639,
0.2063

■ 24.1190, 0.3736,
0.1975

■ 22.3385, 0.3832,
0.1935

■ 21.4029, 0.3924,
0.1940

Harmonies

Analogous

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



72.9425, 0.3035, 0.3068



72.9425, 0.3171, 0.3124



72.9425, 0.3298, 0.3222

Triad

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



72.9425, 0.3171, 0.3124



72.9425, 0.3330, 0.3515



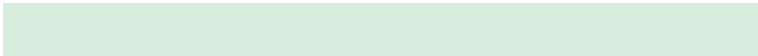
72.9425, 0.2882, 0.3232

Complementary

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



72.9425, 0.3171, 0.3124



80.3806, 0.3086, 0.3462

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.



72.9425, 0.2958, 0.3357



72.9425, 0.3171, 0.3124



72.9425, 0.3216, 0.3523

Square

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



72.9425, 0.3171, 0.3124



72.9425, 0.3391, 0.3446



72.9425, 0.3080, 0.3465



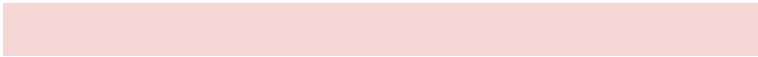
72.9425, 0.2870, 0.3127

Rectangle

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



72.9425, 0.3171, 0.3124



72.9425, 0.3359, 0.3300



72.9425, 0.3080, 0.3465



72.9425, 0.2901, 0.3274

Sweetspot

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



72.9457, 0.3171, 0.3124



95.0989, 0.3141, 0.3234



70.5897, 0.3024, 0.3065



20.0817, 0.3145, 0.3219



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

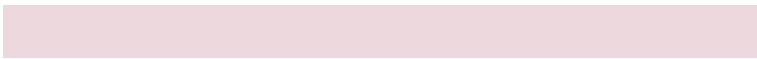
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9457, 0.3171, 0.3124



82.9676, 0.3183, 0.3082



72.3731, 0.3242, 0.3232



15.2488, 0.3174, 0.3112



11.6617, 0.3920, 0.1933



0.9305, 0.3801, 0.1868

Inverse Universe

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



72.9457, 0.3171, 0.3124



82.9676, 0.3183, 0.3082



80.9511, 0.3024, 0.3349



15.2488, 0.3174, 0.3112



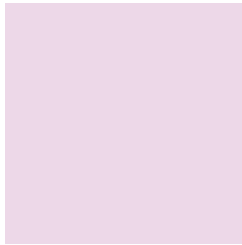
11.6617, 0.3920, 0.1933



0.9305, 0.3801, 0.1868

Previews

White Background



This preview shows how the Yxy color 72.9425, 0.3171, 0.3124 looks on a white background.

Color Contrast Check

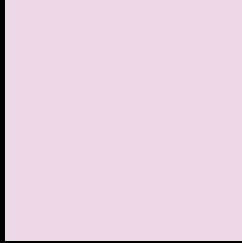
Large Text (above 18pt) WCAG AA × Fail

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 72.9425, 0.3171, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

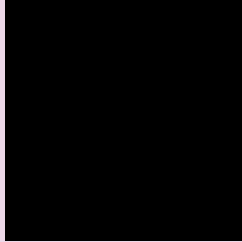
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

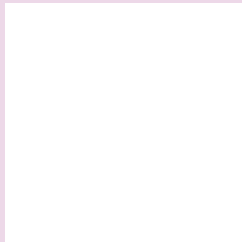
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9425, 0.3171, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 72.9425, 0.3171, 0.3124.



This preview shows how white text looks on a background with the Yxy color 72.9425, 0.3171, 0.3124.

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

72.9425, 0.3171, 0.3124

Protanopia

73.2407, 0.3043, 0.3141

Deuteranopia

72.7778, 0.3186, 0.3114



Tritanopia

72.9995, 0.3164, 0.3114

Trichromacy



Original Color

72.9425, 0.3171, 0.3124

Protanomaly

72.9344, 0.3085, 0.3131

Deuteranomaly

72.6042, 0.3179, 0.3114

Tritanomaly

72.9995, 0.3164, 0.3114

Monochromacy



Original Color

72.9425, 0.3171, 0.3124

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9170, 0.3144, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9425, 0.3171, 0.3124 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(237, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 216, 232)  
}
```

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(237, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 216, 232) }
```

Border

The CSS property to change the border of an element to Yxy 72.9425, 0.3171, 0.3124 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(237, 216, 232) }
```

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

```
.border{ border-color:rgb(237, 216, 232) }
```

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

Here you see how a box with a 4 pixel rgb(237, 216, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 216,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9425, 0.3171, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 216, 232) }
```

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

```
.background{ background-color: rgb(237,  
216, 232) }
```

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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