

Converting Colors

$Y_{xy}(72.5450, 0.3104, 0.3173)$

Have a look what the booklet for
Yxy(72.5450, 0.3104, 0.3173)
contains.

Yxy(72.5450, 0.3104, 0.3173)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.5450, 0.3104, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	E2DBE6
RGB	226, 219, 230
RGB Percent	89%, 86%, 90%
CMY	0.1139, 0.1411, 0.0981
CMYK	0.02, 0.05, 0.00, 0.10
HSL	278°, 18%, 88%
HSV	278°, 5%, 90%
XYZ	70.9674, 72.5450, 85.1198
YIQ	222.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

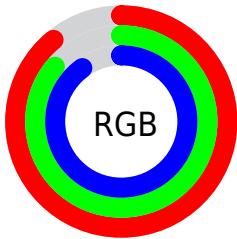
Format	Color
R _Y B	226, 219, 230
Decimal	14867430
CIE Lab	88.23, 4.34, -4.53
CIE LCh	88, 6.273, 313.720
Yxy	72.5450, 0.3104, 0.3173
Android (android.graphics.Color)	4293057510 (0xFFE2DBE6)
YUV	222.3470, 3.7729, 3.2037
Hunter-Lab	85.1734, -0.3251, 0.3686

Details

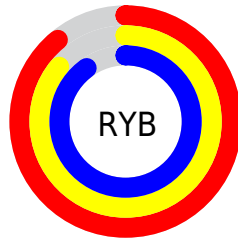
The Yxy color `72.5450, 0.3104, 0.3173` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77.4029, 0.3149, 0.3408`, and the grayscale version is `73.2753, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.3040, 0.3097, 0.3138` is the 20% darker color. If you saturate the color by 10%, you get `60.0300, 0.3049, 0.2915`, and if you desaturate by 10%, it is `86.7917, 0.3150, 0.3413`.

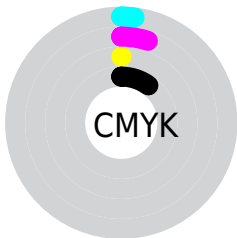
Distribution



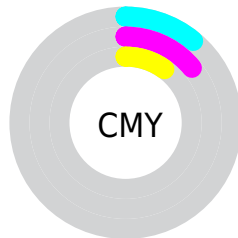
- Red (89%)
- Green (86%)
- Blue (90%)



- Red (89%)
- Yellow (86%)
- Blue (90%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5450, 0.3104, 0.3173 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 72.5450, 0.3104, 0.3173 by changing the saturation by 10% instead.

■ 72.5450, 0.3104,
0.3173

■ 72.5450, 0.3104,
0.3173

469.4363, 0.3115,
0.3227

■ 53.6040, 0.3101,
0.3161

122.8311, 0.3108,
0.3192

■ 38.2852, 0.3098,
0.3146

154.9449, 0.3109,
0.3199

■ 26.2041, 0.3094,
0.3127

192.2185, 0.3111,
0.3205

■ 16.9764, 0.3089,
0.3102

235.0362, 0.3112,
0.3211

■ 10.2177, 0.3081,
0.3068

283.7825, 0.3113,
0.3215

■ 5.5435, 0.3070,
0.3020

338.8416, 0.3114,

■ 2.5695, 0.3053,

0.3220

0.2944

400.5981, 0.3114,
0.3223

0.9114, 0.3019,
0.2811

0.0000, 0.0000,
0.0000

72.5450, 0.3104,
0.3173

72.5450, 0.3104,
0.3173

60.0300, 0.3049,
0.2915

86.7917, 0.3150,
0.3413

49.1689, 0.2984,
0.2642

96.2657, 0.3196,
0.3538

39.8916, 0.2909,
0.2360

97.8047, 0.3250,
0.3534

32.1193, 0.2824,
0.2079

98.4928, 0.3274,
0.3532

■ 25.7663, 0.2732,
0.1809

■ 20.7382, 0.2634,
0.1563

■ 16.9285, 0.2533,
0.1354

■ 14.2138, 0.2434,
0.1191

■ 12.4433, 0.2339,
0.1080

Harmonies

Analogous

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



72.5450, 0.3035, 0.3161



72.5450, 0.3104, 0.3173



72.5450, 0.3180, 0.3215

Triad

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



72.5450, 0.3104, 0.3173



72.5450, 0.3266, 0.3396



72.5450, 0.3013, 0.3302

Complementary

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



72.5450, 0.3104, 0.3173



77.4029, 0.3149, 0.3408

Split Complementary

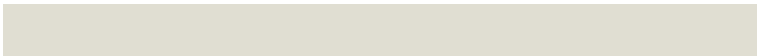
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5450, 0.3073, 0.3367



72.5450, 0.3104, 0.3173



72.5450, 0.3220, 0.3421

Square

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



72.5450, 0.3104, 0.3173



72.5450, 0.3274, 0.3343



72.5450, 0.3149, 0.3411



72.5450, 0.2982, 0.3235

Rectangle

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



72.5450, 0.3104, 0.3173



72.5450, 0.3225, 0.3255



72.5450, 0.3149, 0.3411



72.5450, 0.3030, 0.3325

Sweetspot

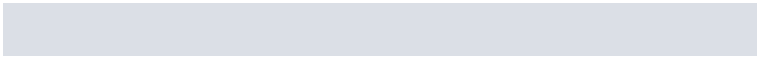
The Sweet Spot groups the original color and five complimentary colors.



72.5481, 0.3104, 0.3173



98.2063, 0.3122, 0.3266



73.6726, 0.3054, 0.3217



21.0391, 0.3123, 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.



72.5481, 0.3104, 0.3173



89.5719, 0.3098, 0.3141



73.1366, 0.3141, 0.3188



15.1200, 0.3094, 0.3127



6.7348, 0.2306, 0.1044



0.5500, 0.2438, 0.1117

Inverse Universe

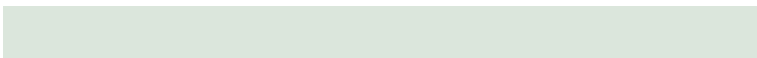
The Inverse Universe completely reimagines the original color for something new.



72.8262, 0.3179, 0.3247



90.0163, 0.3193, 0.3236



76.8368, 0.3114, 0.3395



15.2031, 0.3200, 0.3230



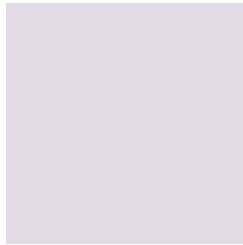
9.9135, 0.5501, 0.2804



0.7500, 0.5101, 0.2584

Previews

White Background



This preview shows how the Yxy color 72.5450, 0.3104, 0.3173 looks on a white background.

Color Contrast Check

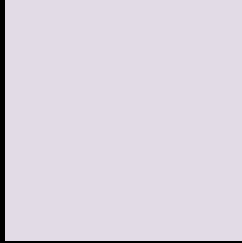
Large Text (above 18pt) WCAG AA × Fail

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 72.5450, 0.3104, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

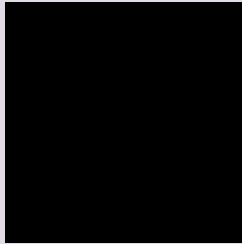
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

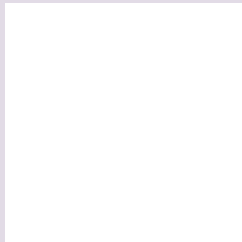
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5450, 0.3104, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 72.5450, 0.3104, 0.3173.

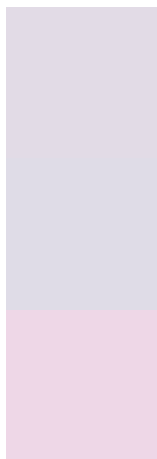


This preview shows how white text looks on a background with the Yxy color 72.5450, 0.3104, 0.3173.

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

72.5450, 0.3104, 0.3173

Protanopia

72.6439, 0.3076, 0.3172

Deuteranopia

72.5475, 0.3186, 0.3124



Tritanopia

72.4719, 0.3079, 0.3110

Trichromacy



Original Color

72.5450, 0.3104, 0.3173

Protanomaly

72.8032, 0.3083, 0.3172

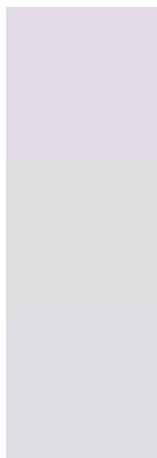
Deuteranomaly

72.3737, 0.3156, 0.3133

Tritanomaly

72.3569, 0.3092, 0.3131

Monochromacy



Original Color

72.5450, 0.3104, 0.3173

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8371, 0.3115, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5450, 0.3104, 0.3173 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, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 230)  
}
```

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, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 230) }
```

Border

The CSS property to change the border of an element to Yxy 72.5450, 0.3104, 0.3173 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, 219, 230) }
```

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

```
.border{ border-color:rgb(226, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
230) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5450, 0.3104, 0.3173$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 230) }
```

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

```
.background{ background-color: rgb(226,  
219, 230) }
```

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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