

Converting Colors

$Yxy(72.8461, 0.3130, 0.3226)$

Have a look what the booklet for
Yxy(72.8461, 0.3130, 0.3226)
contains.

Yxy(72.8461, 0.3130, 0.3226)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.8461, 0.3130, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	E2DCE2
RGB	226, 220, 226
RGB Percent	89%, 86%, 89%
CMY	0.1138, 0.1372, 0.1137
CMYK	0.00, 0.03, 0.00, 0.11
HSL	300°, 9%, 87%
HSV	300°, 3%, 89%
XYZ	70.6783, 72.8461, 82.2849
YIQ	222.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

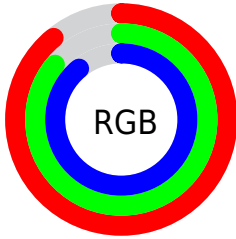
Format	Color
R _Y B	226, 220, 226
Decimal	14867682
CIE Lab	88.37, 3.10, -2.22
CIE LCh	88, 3.810, 324.412
Yxy	72.8461, 0.3130, 0.3226
Android (android.graphics.Color)	4293057762 (0xFFE2DCE2)
YUV	222.4780, 1.7363, 3.0888
Hunter-Lab	85.3499, -1.5464, 2.5841

Details

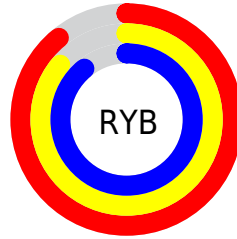
The Yxy color `72.8461, 0.3130, 0.3226` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74.7813, 0.3124, 0.3355`, and the grayscale version is `73.3886, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.5085, 0.3131, 0.3207` is the 20% darker color. If you saturate the color by 10%, you get `61.7624, 0.3141, 0.2979`, and if you desaturate by 10%, it is `85.5398, 0.3119, 0.3463`.

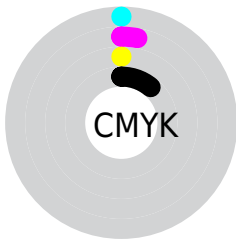
Distribution



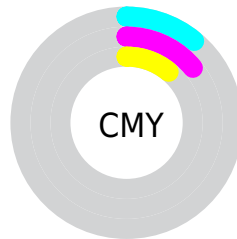
- Red (89%)
- Green (86%)
- Blue (89%)



- 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 72.8461, 0.3130, 0.3226 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 72.8461, 0.3130, 0.3226 by changing the saturation by 10% instead.

■ 72.8461, 0.3130,
0.3226

■ 72.8461, 0.3130,
0.3226

470.4812, 0.3129,
0.3256

■ 53.8501, 0.3130,
0.3219

123.2587, 0.3130,
0.3236

■ 38.4819, 0.3131,
0.3211

155.4441, 0.3129,
0.3240

■ 26.3569, 0.3131,
0.3200

192.7948, 0.3129,
0.3244

■ 17.0908, 0.3131,
0.3187

235.6952, 0.3129,
0.3247

■ 10.2993, 0.3132,
0.3168

284.5296, 0.3129,
0.3249

■ 5.5978, 0.3133,
0.3141

339.6825, 0.3129,

■ 2.6021, 0.3134,

0.3252

0.3099

401.5383, 0.3129,
0.3254

■ 0.9277, 0.3136,
0.3023

■ 0.0000, 0.0000,
0.0000

■ 72.8461, 0.3130,
0.3226

■ 72.8461, 0.3130,
0.3226

■ 61.7624, 0.3141,
0.2979

■ 85.5398, 0.3119,
0.3463

■ 52.2153, 0.3152,
0.2728

■ 93.2037, 0.3114,
0.3588

■ 44.1397, 0.3163,
0.2481

■ 93.2178, 0.3115,
0.3588

■ 37.4626, 0.3173,
0.2246

■ 93.2318, 0.3115,
0.3588

■ 32.1042, 0.3181,
0.2034

■ 93.2458, 0.3116,
0.3588

■ 27.9770, 0.3189,
0.1854

■ 93.2599, 0.3116,
0.3588

■ 24.9830, 0.3194,
0.1712

■ 93.2739, 0.3117,
0.3588

■ 23.0091, 0.3198,
0.1614

■ 93.2880, 0.3117,
0.3588

■ 21.9190, 0.3199,
0.1557

■ 93.3020, 0.3118,
0.3587

Harmonies

Analogous

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



72.8461, 0.3085, 0.3212



72.8461, 0.3130, 0.3226



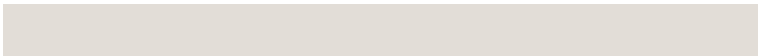
72.8461, 0.3175, 0.3257

Triad

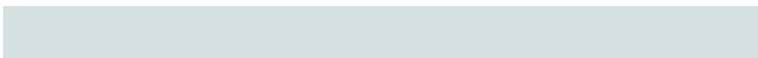
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8461, 0.3130, 0.3226



72.8461, 0.3204, 0.3362



72.8461, 0.3048, 0.3283

Complementary

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



72.8461, 0.3130, 0.3226



74.7813, 0.3124, 0.3355

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.



72.8461, 0.3080, 0.3324



72.8461, 0.3130, 0.3226



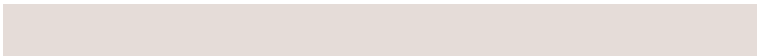
72.8461, 0.3169, 0.3370

Square

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



72.8461, 0.3130, 0.3226



72.8461, 0.3217, 0.3335



72.8461, 0.3124, 0.3356



72.8461, 0.3038, 0.3244

Rectangle

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



72.8461, 0.3130, 0.3226



72.8461, 0.3198, 0.3283



72.8461, 0.3124, 0.3356



72.8461, 0.3057, 0.3297

Sweetspot

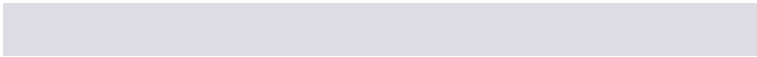
The Sweet Spot groups the original color and five complimentary colors.



72.8492, 0.3130, 0.3226



98.3819, 0.3128, 0.3266



71.9546, 0.3088, 0.3226



21.0748, 0.3128, 0.3267



0.0000, 0.0000, 0.0000



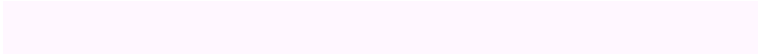
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8492, 0.3130, 0.3226



95.2102, 0.3130, 0.3217



72.6955, 0.3149, 0.3257



15.2955, 0.3131, 0.3199



12.2785, 0.3200, 0.1536



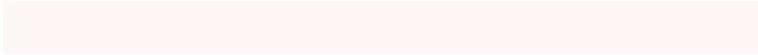
0.8520, 0.3201, 0.1537

Inverse Universe

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



72.5313, 0.3170, 0.3290



94.7346, 0.3176, 0.3290



74.9323, 0.3106, 0.3323



15.1993, 0.3189, 0.3290



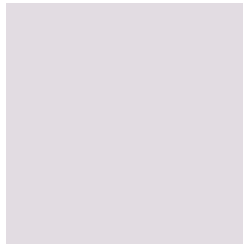
9.2258, 0.6396, 0.3297



0.6398, 0.6384, 0.3290

Previews

White Background



This preview shows how the Yxy color 72.8461, 0.3130, 0.3226 looks on a white background.

Color Contrast Check

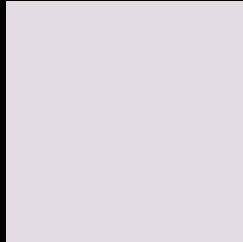
Large Text (above 18pt) WCAG AA × Fail

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 72.8461, 0.3130, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

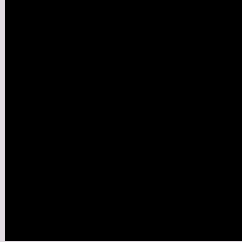
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

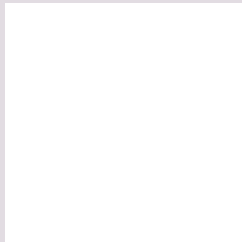
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8461, 0.3130, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 72.8461, 0.3130, 0.3226.

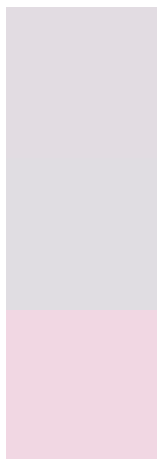


This preview shows how white text looks on a background with the Yxy color 72.8461, 0.3130, 0.3226.

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

72.8461, 0.3130, 0.3226

Protanopia

73.0512, 0.3116, 0.3236

Deuteranopia

72.8477, 0.3235, 0.3166



Tritanopia

72.5298, 0.3072, 0.3100

Trichromacy



Original Color

72.8461, 0.3130, 0.3226

Protanomaly

73.2114, 0.3123, 0.3236

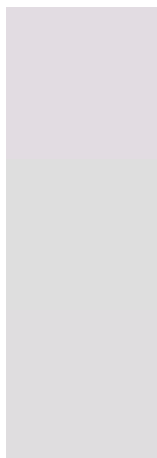
Deuteranomaly

73.0046, 0.3197, 0.3186

Tritanomaly

72.8201, 0.3098, 0.3152

Monochromacy



Original Color

72.8461, 0.3130, 0.3226

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7286, 0.3128, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8461, 0.3130, 0.3226 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, 226)` looks like.

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

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, 226) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 72.8461, 0.3130, 0.3226 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, 226) }
```

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

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

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, 226)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 72.8461, 0.3130, 0.3226 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, 226) }
```

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

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

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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