

Converting Colors

$Y_{xy}(70.2972, 0.3148, 0.3151)$

Have a look what the booklet for
Yxy(70.2972, 0.3148, 0.3151)
contains.

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Color

Yxy(70.2972, 0.3148, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	E5D6E3
RGB	229, 214, 227
RGB Percent	90%, 84%, 89%
CMY	0.1019, 0.1608, 0.1097
CMYK	0.00, 0.07, 0.01, 0.10
HSL	308°, 22%, 87%
HSV	308°, 7%, 90%
XYZ	70.2303, 70.2972, 82.5674
YIQ	219.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

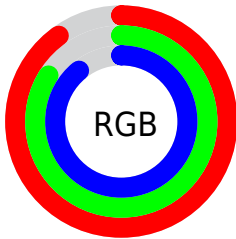
Format	Color
RYB	229, 214, 227
Decimal	15062755
CIELab	87.14, 7.45, -4.55
CIELCh	87, 8.728, 328.585
Yxy	70.2972, 0.3148, 0.3151
Android (android.graphics.Color)	4293252835 (0xFFE5D6E3)
YUV	219.9670, 3.4673, 7.9219
Hunter-Lab	83.8434, 2.7920, 0.3027

Details

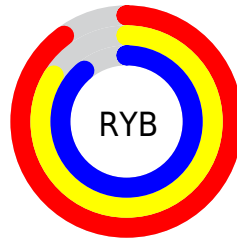
The Yxy color **70.2972, 0.3148, 0.3151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2948, 0.3107, 0.3433**, and the grayscale version is **71.5224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7735, 0.3155, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **59.3476, 0.3183, 0.2932**, and if you desaturate by 10%, it is **82.8853, 0.3117, 0.3361**.

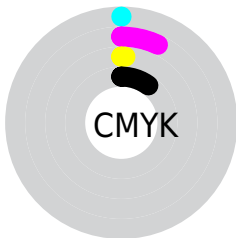
Distribution



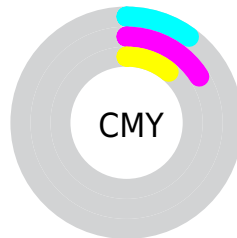
- Red (90%)
- Green (84%)
- Blue (89%)



- Red (90%)
- Yellow (84%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2972, 0.3148, 0.3151 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 70.2972, 0.3148, 0.3151 by changing the saturation by 10% instead.

70.2972, 0.3148,
0.3151

70.2972, 0.3148,
0.3151

461.5928, 0.3139,
0.3215

51.7689, 0.3150,
0.3136

119.6325, 0.3145,
0.3173

36.8209, 0.3153,
0.3118

151.2082, 0.3144,
0.3182

25.0688, 0.3156,
0.3096

187.9019, 0.3142,
0.3189

16.1283, 0.3160,
0.3066

230.0979, 0.3142,
0.3196

9.6150, 0.3165,
0.3025

278.1805, 0.3141,
0.3202

5.1445, 0.3173,
0.2967

332.5343, 0.3140,

2.3323, 0.3184,

0.3207

0.2876

393.5436, 0.3139,
0.3211

0.7907, 0.3205,
0.2705

0.0000, 0.0000,
0.0000

70.2972, 0.3148,
0.3151

70.2972, 0.3148,
0.3151

59.3476, 0.3183,
0.2932

82.8853, 0.3117,
0.3361

49.9598, 0.3223,
0.2711

94.0650, 0.3092,
0.3513

42.0645, 0.3267,
0.2492

94.2381, 0.3075,
0.3482

35.5835, 0.3315,
0.2286

94.4142, 0.3058,
0.3451

30.4318, 0.3365,
0.2102

94.5933, 0.3041,
0.3420

26.5149, 0.3416,
0.1950

94.7753, 0.3024,
0.3390

23.7262, 0.3467,
0.1838

94.9603, 0.3008,
0.3359

21.9409, 0.3515,
0.1770

95.1483, 0.2991,
0.3329

21.0012, 0.3561,
0.1746

95.3392, 0.2975,
0.3299

Harmonies

Analogous

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



70.2972, 0.3042, 0.3112



70.2972, 0.3148, 0.3151



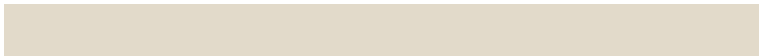
70.2972, 0.3250, 0.3225

Triad

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



70.2972, 0.3148, 0.3151



70.2972, 0.3296, 0.3462



70.2972, 0.2939, 0.3258

Complementary

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



70.2972, 0.3148, 0.3151



75.2948, 0.3107, 0.3433

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.



70.2972, 0.3005, 0.3355



70.2972, 0.3148, 0.3151



70.2972, 0.3210, 0.3475

Square

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



70.2972, 0.3148, 0.3151



70.2972, 0.3336, 0.3404



70.2972, 0.3104, 0.3435



70.2972, 0.2923, 0.3172

Rectangle

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



70.2972, 0.3148, 0.3151



70.2972, 0.3301, 0.3286



70.2972, 0.3104, 0.3435



70.2972, 0.2956, 0.3290

Sweetspot

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



70.3002, 0.3148, 0.3151



96.7461, 0.3133, 0.3248



68.3113, 0.3040, 0.3125



20.7417, 0.3133, 0.3250



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.



70.3002, 0.3148, 0.3151



87.4968, 0.3153, 0.3119



69.9062, 0.3198, 0.3228



14.5810, 0.3158, 0.3088



11.8939, 0.3570, 0.1740



0.8880, 0.3509, 0.1707

Inverse Universe

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



70.3002, 0.3148, 0.3151



87.4968, 0.3153, 0.3119



75.6800, 0.3061, 0.3352



14.5810, 0.3158, 0.3088



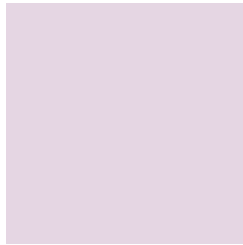
11.8939, 0.3570, 0.1740



0.8880, 0.3509, 0.1707

Previews

White Background



This preview shows how the Yxy color 70.2972, 0.3148, 0.3151 looks on a white background.

Color Contrast Check

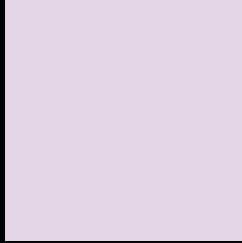
Large Text (above 18pt) WCAG AA × Fail

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 70.2972, 0.3148, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

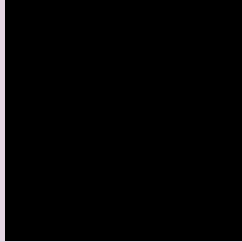
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

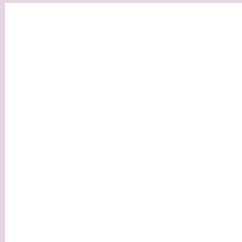
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2972, 0.3148, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 70.2972, 0.3148, 0.3151.

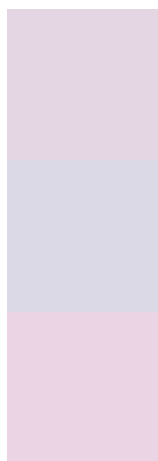


This preview shows how white text looks on a background with the Yxy color 70.2972, 0.3148, 0.3151.

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

70.2972, 0.3148, 0.3151

Protanopia

70.3429, 0.3062, 0.3160

Deuteranopia

70.2952, 0.3193, 0.3132



Tritanopia

69.9597, 0.3128, 0.3109

Trichromacy



Original Color

70.2972, 0.3148, 0.3151

Protanomaly

70.4011, 0.3097, 0.3161

Deuteranomaly

70.4582, 0.3178, 0.3142

Tritanomaly

69.9037, 0.3135, 0.3120

Monochromacy



Original Color

70.2972, 0.3148, 0.3151

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.1585, 0.3130, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2972, 0.3148, 0.3151 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(229, 214, 227)` looks like.

```
.text, #text, p{  
    color:rgb(229, 214, 227)  
}
```

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(229, 214, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 214, 227) }
```

Border

The CSS property to change the border of an element to Yxy 70.2972, 0.3148, 0.3151 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(229, 214, 227) }
```

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

```
.border{ border-color:rgb(229, 214, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 214, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 214, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 214, 227);  
box-shadow:4px 4px 4px 4px rgb(229, 214,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2972, 0.3148, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 214, 227) }
```

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

```
.background{ background-color: rgb(229,  
214, 227) }
```

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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