

Converting Colors

$Y_{xy}(70.9240, 0.3218, 0.3237)$

Have a look what the booklet for
Yxy(70.9240, 0.3218, 0.3237)
contains.

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Color

Yxy(70.9240, 0.3218, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E8D7DC
RGB	232, 215, 220
RGB Percent	91%, 84%, 86%
CMY	0.0900, 0.1569, 0.1373
CMYK	0.00, 0.07, 0.05, 0.09
HSL	342°, 27%, 88%
HSV	342°, 7%, 91%
XYZ	70.5077, 70.9240, 77.6724
YIQ	220.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

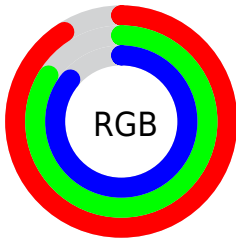
Format	Color
RYB	232, 215, 220
Decimal	15259612
CIELab	87.45, 6.73, -0.34
CIELCh	87, 6.734, 357.068
Yxy	70.9240, 0.3218, 0.3237
Android (android.graphics.Color)	4293449692 (0xFFE8D7DC)
YUV	220.6530, -0.3219, 9.9513
Hunter-Lab	84.2164, 2.0652, 4.2686

Details

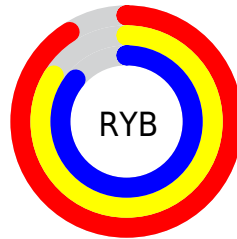
The Yxy color `70.9240, 0.3218, 0.3237` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77.7368, 0.3044, 0.3344`, and the grayscale version is `72.0535, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `37.0883, 0.3236, 0.3221` is the 20% darker color. If you saturate the color by 10%, you get `59.1088, 0.3366, 0.3161`, and if you desaturate by 10%, it is `84.5068, 0.3098, 0.3308`.

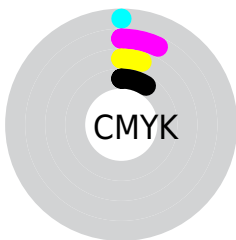
Distribution



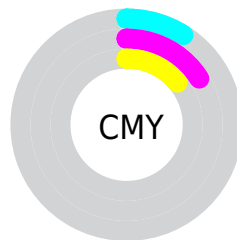
- Red (91%)
- Green (84%)
- Blue (86%)



- Red (91%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (9%)




- Cyan (9%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9240, 0.3218, 0.3237 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 70.9240, 0.3218, 0.3237 by changing the saturation by 10% instead.

 70.9240, 0.3218,
0.3237

 70.9240, 0.3218,
0.3237

463.7877, 0.3176,
0.3262

 52.2802, 0.3228,
0.3231

120.5255, 0.3203,
0.3246

 37.2284, 0.3240,
0.3224


152.2520, 0.3198,
0.3249

 25.3844, 0.3255,
0.3215


189.1081, 0.3193,
0.3252

 16.3637, 0.3275,
0.3204

231.4783, 0.3188,
0.3254

 9.7819, 0.3303,
0.3188

279.7470, 0.3185,
0.3257

 5.2546, 0.3343,
0.3164

334.2985, 0.3181,

 2.3974, 0.3407,

0.3258

0.3127

395.5173, 0.3178,
0.3260

0.8245, 0.3529,
0.3055

0.0000, 0.0000,
0.0000

70.9240, 0.3218,
0.3237

70.9240, 0.3218,
0.3237

59.1088, 0.3366,
0.3161

84.5068, 0.3098,
0.3308

48.9793, 0.3548,
0.3081

95.7640, 0.3000,
0.3311

40.4609, 0.3769,
0.3002

95.9044, 0.2988,
0.3290

33.4697, 0.4035,
0.2927

■ 27.9143, 0.4346,
0.2865

■ 23.6934, 0.4696,
0.2828

■ 20.6922, 0.5067,
0.2826

■ 18.7764, 0.5430,
0.2869

■ 17.7693, 0.5747,
0.2957

Harmonies

Analogous

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



70.9240, 0.3139, 0.3180



70.9240, 0.3218, 0.3237



70.9240, 0.3273, 0.3308

Triad

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



70.9240, 0.3218, 0.3237



70.9240, 0.3195, 0.3432



70.9240, 0.2969, 0.3202

Complementary

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



70.9240, 0.3218, 0.3237



77.7368, 0.3044, 0.3344

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.



70.9240, 0.2984, 0.3270



70.9240, 0.3218, 0.3237



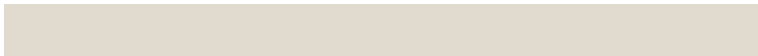
70.9240, 0.3114, 0.3404

Square

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



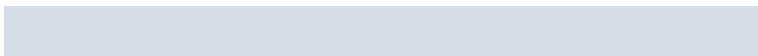
70.9240, 0.3218, 0.3237



70.9240, 0.3259, 0.3421



70.9240, 0.3036, 0.3344



70.9240, 0.2996, 0.3160

Rectangle

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



70.9240, 0.3218, 0.3237



70.9240, 0.3288, 0.3354



70.9240, 0.3036, 0.3344



70.9240, 0.2969, 0.3223

Sweetspot

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



70.9271, 0.3218, 0.3237



96.5589, 0.3151, 0.3276



70.7453, 0.3099, 0.3108



20.7036, 0.3149, 0.3277



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.



70.9271, 0.3218, 0.3237



85.2197, 0.3241, 0.3224



72.4222, 0.3249, 0.3327



15.1266, 0.3247, 0.3221



10.0869, 0.5785, 0.2960



0.8083, 0.5390, 0.2743

Inverse Universe

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



70.9271, 0.3218, 0.3237



85.2197, 0.3241, 0.3224



76.1138, 0.3014, 0.3253



15.1266, 0.3247, 0.3221



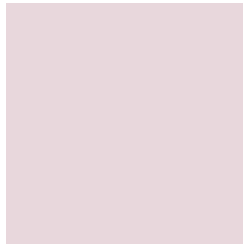
10.0869, 0.5785, 0.2960



0.8083, 0.5390, 0.2743

Previews

White Background



This preview shows how the Yxy color 70.9240, 0.3218, 0.3237 looks on a white background.

Color Contrast Check

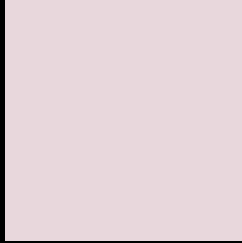
Large Text (above 18pt) WCAG AA × Fail

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 70.9240, 0.3218, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

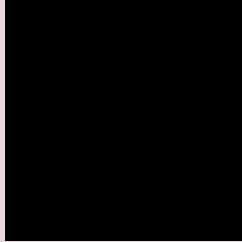
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

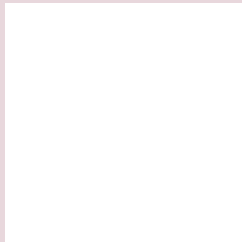
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9240, 0.3218, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 70.9240, 0.3218, 0.3237.

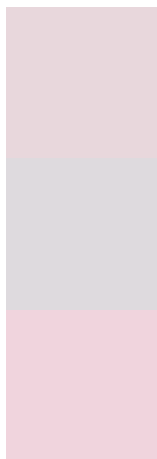


This preview shows how white text looks on a background with the Yxy color 70.9240, 0.3218, 0.3237.

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

70.9240, 0.3218, 0.3237

Protanopia

70.9463, 0.3129, 0.3247

Deuteranopia

70.8327, 0.3273, 0.3196



Tritanopia

70.7941, 0.3165, 0.3111

Trichromacy



Original Color

70.9240, 0.3218, 0.3237

Protanomaly

71.0149, 0.3165, 0.3247

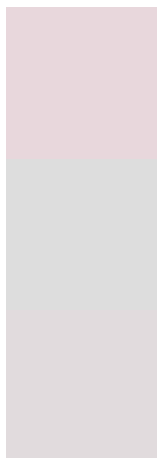
Deuteranomaly

70.8135, 0.3249, 0.3206

Tritanomaly

70.9078, 0.3184, 0.3163

Monochromacy



Original Color

70.9240, 0.3218, 0.3237

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8910, 0.3157, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9240, 0.3218, 0.3237 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(232, 215, 220)` looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 220)  
}
```

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(232, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 220) }
```

Border

The CSS property to change the border of an element to Yxy 70.9240, 0.3218, 0.3237 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(232, 215, 220) }
```

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

```
.border{ border-color:rgb(232, 215, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9240, 0.3218, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 220) }
```

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

```
.background{ background-color: rgb(232,  
215, 220) }
```

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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