

Converting Colors

$Y_{xy}(70.2575, 0.3271, 0.3261)$

Have a look what the booklet for
Yxy(70.2575, 0.3271, 0.3261)
contains.

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Color

Yxy(70.2085, 0.3270, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	EBD5D8
RGB	235, 213, 216
RGB Percent	92%, 84%, 85%
CMY	0.0784, 0.1647, 0.1531
CMYK	0.00, 0.09, 0.08, 0.08
HSL	352°, 35%, 88%
HSV	352°, 9%, 92%
XYZ	70.4455, 70.2085, 74.7756
YIQ	219.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

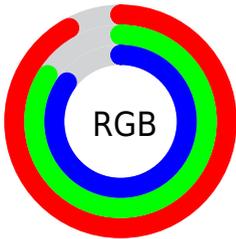
Format	Color
R _Y B	235, 213, 216
Decimal	15455704
CIE Lab	87.10, 8.10, 1.30
CIE LCh	87, 8.201, 9.146
Yxy	70.2085, 0.3270, 0.3259
Android (android.graphics.Color)	4293645784 (0xFFEBD5D8)
YUV	219.9200, -1.9326, 13.2252
Hunter-Lab	83.7905, 3.4375, 5.7423

Details

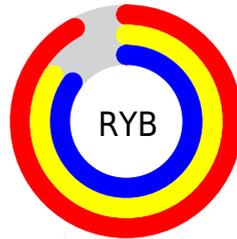
The Yxy color **70.2085, 0.3270, 0.3259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.3941, 0.3000, 0.3321**, and the grayscale version is **71.5192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6106, 0.3306, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **58.2451, 0.3459, 0.3224**, and if you desaturate by 10%, it is **84.0214, 0.3118, 0.3292**.

Distribution



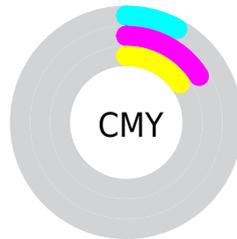
- Red (92%)
- Green (84%)
- Blue (85%)



- Red (92%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2085, 0.3270, 0.3259 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 70.2085, 0.3270, 0.3259 by changing the saturation by 10% instead.

 70.2085, 0.3270,
0.3259

 70.2085, 0.3270,
0.3259

461.2817, 0.3203,
0.3274

 51.6965, 0.3285,
0.3256

119.5060, 0.3247,
0.3264

 36.7632, 0.3305,
0.3251

151.0604, 0.3238,
0.3266

 25.0242, 0.3329,
0.3246

187.7310, 0.3230,
0.3268

 16.0951, 0.3361,
0.3238

229.9023, 0.3223,
0.3269

 9.5915, 0.3405,
0.3228

277.9586, 0.3217,
0.3271

 5.1289, 0.3470,
0.3213

332.2844, 0.3212,

 2.3231, 0.3575,

0.3272

0.3187

393.2639, 0.3207,
0.3273

0.7859, 0.3796,
0.3144

0.0000, 0.0000,
0.0000

70.2085, 0.3270,
0.3259

70.2085, 0.3270,
0.3259

58.2451, 0.3459,
0.3224

84.0214, 0.3118,
0.3292

48.0437, 0.3693,
0.3187

96.4024, 0.3005,
0.3290

39.5240, 0.3980,
0.3152

32.5953, 0.4327,
0.3120

■ 27.1587, 0.4729,
0.3099

■ 23.1040, 0.5168,
0.3094

■ 20.3061, 0.5603,
0.3112

■ 18.6166, 0.5976,
0.3156

■ 17.8039, 0.6237,
0.3214

Harmonies

Analogous

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



70.2085, 0.3182, 0.3181



70.2085, 0.3270, 0.3259



70.2085, 0.3319, 0.3346

Triad

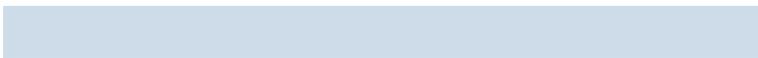
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2085, 0.3270, 0.3259



70.2085, 0.3171, 0.3456



70.2085, 0.2942, 0.3157

Complementary

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



70.2085, 0.3270, 0.3259



79.3941, 0.3000, 0.3321

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.



70.2085, 0.2939, 0.3229



70.2085, 0.3270, 0.3259



70.2085, 0.3070, 0.3403

Square

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



70.2085, 0.3270, 0.3259



70.2085, 0.3261, 0.3462



70.2085, 0.2986, 0.3320



70.2085, 0.2993, 0.3122

Rectangle

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



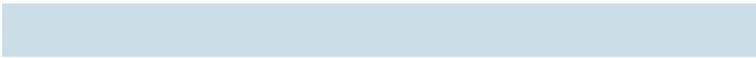
70.2085, 0.3270, 0.3259



70.2085, 0.3323, 0.3399



70.2085, 0.2986, 0.3320



70.2085, 0.2935, 0.3177

Sweetspot

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



70.2116, 0.3270, 0.3259



94.7965, 0.3170, 0.3280



70.6978, 0.3114, 0.3059



20.0002, 0.3182, 0.3278



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.



70.2116, 0.3270, 0.3259



81.9241, 0.3299, 0.3253



74.0252, 0.3282, 0.3372



15.0869, 0.3272, 0.3259



9.8969, 0.6223, 0.3202



0.7876, 0.5907, 0.3028

Inverse Universe

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



70.2116, 0.3270, 0.3259



81.9241, 0.3299, 0.3253



75.2506, 0.2982, 0.3207



15.0869, 0.3272, 0.3259



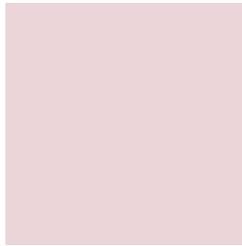
9.8969, 0.6223, 0.3202



0.7876, 0.5907, 0.3028

Previews

White Background



This preview shows how the Yxy color 70.2085, 0.3270, 0.3259 looks on a white background.

Color Contrast Check

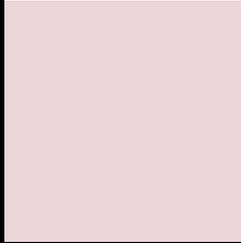
Large Text (above 18pt) WCAG AA × Fail

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 70.2085, 0.3270, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

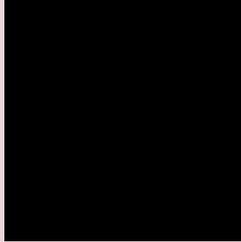
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

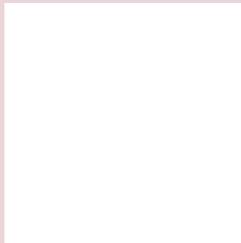
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2085, 0.3270, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 70.2085, 0.3270, 0.3259.



This preview shows how white text looks on a background with the Yxy color 70.2085, 0.3270, 0.3259.

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

70.2085, 0.3270, 0.3259

Protanopia

70.2173, 0.3157, 0.3279

Deuteranopia

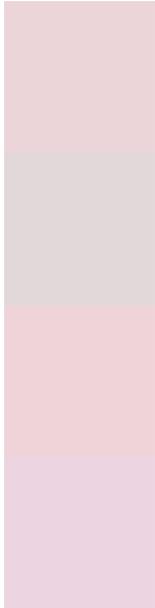
70.0717, 0.3310, 0.3238



Tritanopia

70.1945, 0.3202, 0.3112

Trichromacy



Original Color

70.2085, 0.3270, 0.3259

Protanomaly

70.4524, 0.3201, 0.3279

Deuteranomaly

70.2220, 0.3293, 0.3248

Tritanomaly

70.3017, 0.3222, 0.3164

Monochromacy



Original Color

70.2085, 0.3270, 0.3259

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7477, 0.3172, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2085, 0.3270, 0.3259 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(235, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 216)  
}
```

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(235, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 70.2085, 0.3270, 0.3259 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(235, 213, 216) }
```

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

```
.border{ border-color:rgb(235, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
216) }
```

Background

The CSS property to change the background color of an element to Yxy 70.2085, 0.3270, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 216) }
```

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

```
.background{ background-color: rgb(235,  
213, 216) }
```

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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