

Converting Colors

Yxy(69.8911, 0.3209, 0.3264)

Have a look what the booklet for
Yxy(69.8911, 0.3209, 0.3264)
contains.

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Color

Yxy(70.1046, 0.3209, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E4D7D9
RGB	228, 215, 217
RGB Percent	89%, 84%, 85%
CMY	0.1059, 0.1568, 0.1491
CMYK	0.00, 0.06, 0.05, 0.11
HSL	351°, 19%, 87%
HSV	351°, 6%, 89%
XYZ	68.8179, 70.1046, 75.5303
YIQ	219.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

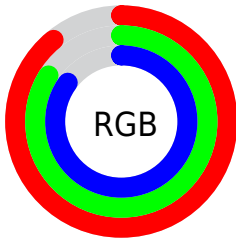
Format	Color
R _Y B	228, 215, 217
Decimal	14997465
CIE Lab	87.05, 4.80, 0.62
CIE LCh	87, 4.845, 7.403
Yxy	70.1046, 0.3209, 0.3269
Android (android.graphics.Color)	4293187545 (0xFFE4D7D9)
YUV	219.1150, -1.0427, 7.7921
Hunter-Lab	83.7285, 0.1874, 5.1253

Details

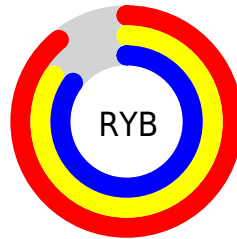
The Yxy color **70.1046, 0.3209, 0.3269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4316, 0.3051, 0.3311**, and the grayscale version is **70.9272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6345, 0.3235, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **58.3446, 0.3379, 0.3230**, and if you desaturate by 10%, it is **83.6070, 0.3072, 0.3305**.

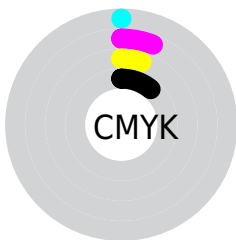
Distribution



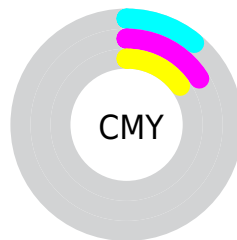
- Red (89%)
- Green (84%)
- Blue (85%)



- Red (89%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1046, 0.3209, 0.3269 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 70.1046, 0.3209, 0.3269 by changing the saturation by 10% instead.

 70.1046, 0.3209,
0.3269

 70.1046, 0.3209,
0.3269

460.9172, 0.3171,
0.3279

 51.6118, 0.3218,
0.3267

119.3579, 0.3196,
0.3272

 36.6958, 0.3229,
0.3264

150.8872, 0.3191,
0.3274

 24.9720, 0.3243,
0.3260


187.5308, 0.3186,
0.3275

 16.0562, 0.3261,
0.3255

229.6731, 0.3182,
0.3276

 9.5639, 0.3286,
0.3249

277.6985, 0.3179,
0.3277

 5.1108, 0.3323,
0.3239

331.9914, 0.3176,

 2.3124, 0.3383,

0.3278

0.3222

392.9362, 0.3173,
0.3278

0.7803, 0.3513,
0.3191

0.0000, 0.0000,
0.0000

70.1046, 0.3209,
0.3269

70.1046, 0.3209,
0.3269

58.3446, 0.3379,
0.3230

83.6070, 0.3072,
0.3305

48.2471, 0.3591,
0.3189

95.2350, 0.2964,
0.3290

39.7400, 0.3852,
0.3148

32.7418, 0.4168,
0.3110

■ 27.1642, 0.4542,
0.3080

■ 22.9094, 0.4962,
0.3066

■ 19.8674, 0.5398,
0.3074

■ 17.9102, 0.5800,
0.3110

■ 16.8807, 0.6113,
0.3172

Harmonies

Analogous

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



70.1046, 0.3157, 0.3223



70.1046, 0.3209, 0.3269



70.1046, 0.3239, 0.3321

Triad

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



70.1046, 0.3209, 0.3269



70.1046, 0.3157, 0.3388



70.1046, 0.3016, 0.3214

Complementary

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



70.1046, 0.3209, 0.3269



75.4316, 0.3051, 0.3311

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.



70.1046, 0.3016, 0.3258



70.1046, 0.3209, 0.3269



70.1046, 0.3097, 0.3359

Square

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



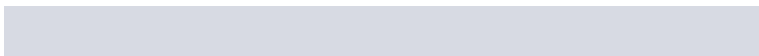
70.1046, 0.3209, 0.3269



70.1046, 0.3209, 0.3391



70.1046, 0.3046, 0.3311



70.1046, 0.3046, 0.3191

Rectangle

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



70.1046, 0.3209, 0.3269



70.1046, 0.3243, 0.3353



70.1046, 0.3046, 0.3311



70.1046, 0.3013, 0.3226

Sweetspot

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



70.1077, 0.3209, 0.3269



96.5134, 0.3155, 0.3283



70.3490, 0.3118, 0.3151



20.6943, 0.3153, 0.3283



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.



70.1077, 0.3209, 0.3269



88.1976, 0.3230, 0.3264



72.2422, 0.3219, 0.3337



14.9082, 0.3238, 0.3262



9.6033, 0.6187, 0.3182



0.7207, 0.5829, 0.2985

Inverse Universe

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



70.1077, 0.3209, 0.3269



88.1976, 0.3230, 0.3264



73.1856, 0.3039, 0.3243



14.9082, 0.3238, 0.3262



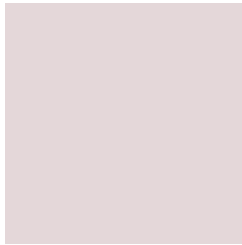
9.6033, 0.6187, 0.3182



0.7207, 0.5829, 0.2985

Previews

White Background



This preview shows how the Yxy color 70.1046, 0.3209, 0.3269 looks on a white background.

Color Contrast Check

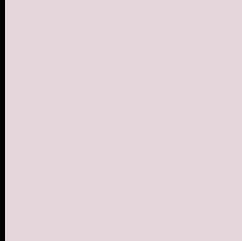
Large Text (above 18pt) WCAG AA × Fail

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 70.1046, 0.3209, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

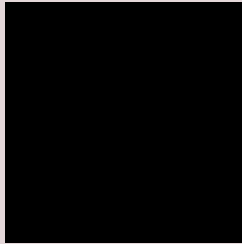
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

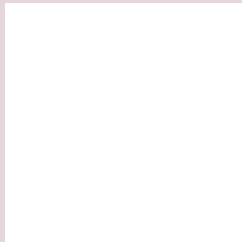
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1046, 0.3209, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 70.1046, 0.3209, 0.3269.

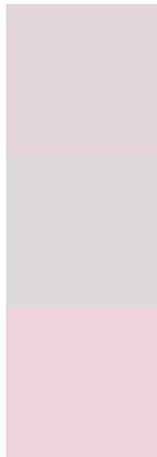


This preview shows how white text looks on a background with the Yxy color 70.1046, 0.3209, 0.3269.

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

70.1046, 0.3209, 0.3269

Protanopia

70.2173, 0.3157, 0.3279

Deuteranopia

70.0012, 0.3288, 0.3217



Tritanopia

70.1247, 0.3136, 0.3110

Trichromacy



Original Color

70.1046, 0.3209, 0.3269

Protanomaly

70.0210, 0.3172, 0.3268

Deuteranomaly

69.8111, 0.3257, 0.3227

Tritanomaly

70.1874, 0.3162, 0.3173

Monochromacy



Original Color

70.1046, 0.3209, 0.3269

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7344, 0.3156, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1046, 0.3209, 0.3269 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(228, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 215, 217)  
}
```

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(228, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 215, 217) }
```

Border

The CSS property to change the border of an element to Yxy 70.1046, 0.3209, 0.3269 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(228, 215, 217) }
```

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

```
.border{ border-color:rgb(228, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(228, 215,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1046, 0.3209, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 215, 217) }
```

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

```
.background{ background-color: rgb(228,  
215, 217) }
```

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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