

Converting Colors

$Yxy(70.4974, 0.3208, 0.3262)$

Have a look what the booklet for
Yxy(70.4974, 0.3208, 0.3262)
contains.

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Color

Yxy(70.3208, 0.3209, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E5D7DA
RGB	229, 215, 218
RGB Percent	90%, 84%, 85%
CMY	0.1021, 0.1568, 0.1451
CMYK	0.00, 0.06, 0.05, 0.10
HSL	347°, 21%, 87%
HSV	347°, 6%, 90%
XYZ	69.2632, 70.3208, 76.2564
YIQ	219.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

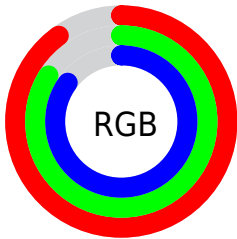
Format	Color
R _Y B	229, 215, 218
Decimal	15063002
CIE Lab	87.15, 5.31, 0.24
CIE LCh	87, 5.320, 2.598
Yxy	70.3208, 0.3209, 0.3258
Android (android.graphics.Color)	4293253082 (0xFFE5D7DA)
YUV	219.5280, -0.7533, 8.3069
Hunter-Lab	83.8575, 0.6838, 4.7845

Details

The Yxy color **70.3208, 0.3209, 0.3258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9647, 0.3051, 0.3322**, and the grayscale version is **71.2258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7846, 0.3235, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **58.5751, 0.3368, 0.3203**, and if you desaturate by 10%, it is **83.8069, 0.3080, 0.3310**.

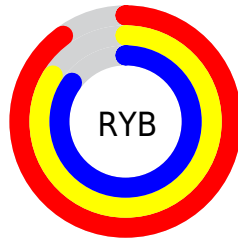
Distribution



Red (90%)

Green (84%)

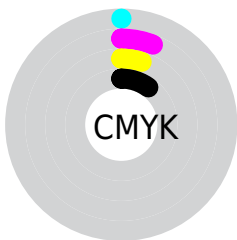
Blue (85%)



Red (90%)

Yellow (84%)

Blue (85%)

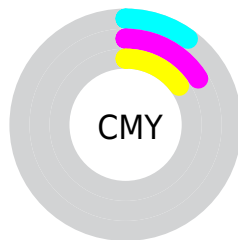


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (10%)



Cyan (10%)


Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3208, 0.3209, 0.3258 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 70.3208, 0.3209, 0.3258 by changing the saturation by 10% instead.


 70.3208, 0.3209,
0.3258

 70.3208, 0.3209,
0.3258

461.6756, 0.3171,
0.3273

 51.7881, 0.3218,
0.3255


119.6661, 0.3196,
0.3263

 36.8362, 0.3229,
0.3250


151.2475, 0.3191,
0.3265

 25.0807, 0.3243,
0.3245


187.9473, 0.3186,
0.3267

 16.1372, 0.3261,
0.3237

230.1499, 0.3182,
0.3269

 9.6213, 0.3286,
0.3227

278.2396, 0.3179,
0.3270

 5.1486, 0.3323,
0.3213

332.6008, 0.3176,

 2.3347, 0.3382,

0.3271

393.6180, 0.3173,
0.3272

0.3189

0.7920, 0.3504,
0.3142

0.0000, 0.0000,
0.0000

70.3208, 0.3209,
0.3258

70.3208, 0.3209,
0.3258

58.5751, 0.3368,
0.3203

83.8069, 0.3080,
0.3310

48.4898, 0.3565,
0.3144

95.3287, 0.2975,
0.3300

39.9927, 0.3807,
0.3086

95.3942, 0.2970,
0.3290

33.0022, 0.4100,
0.3031

■ 27.4298, 0.4444,
0.2987

■ 23.1777, 0.4833,
0.2962

■ 20.1353, 0.5243,
0.2966

■ 18.1740, 0.5635,
0.3007

■ 17.1348, 0.5960,
0.3083

Harmonies

Analogous

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



70.3208, 0.3149, 0.3210



70.3208, 0.3209, 0.3258



70.3208, 0.3247, 0.3315

Triad

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



70.3208, 0.3209, 0.3258



70.3208, 0.3170, 0.3400



70.3208, 0.3003, 0.3213

Complementary

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



70.3208, 0.3209, 0.3258



75.9647, 0.3051, 0.3322

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.



70.3208, 0.3009, 0.3263



70.3208, 0.3209, 0.3258



70.3208, 0.3105, 0.3373

Square

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



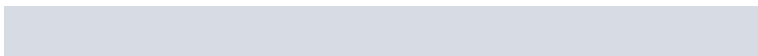
70.3208, 0.3209, 0.3258



70.3208, 0.3224, 0.3398



70.3208, 0.3046, 0.3322



70.3208, 0.3031, 0.3183

Rectangle

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



70.3208, 0.3209, 0.3258



70.3208, 0.3255, 0.3351



70.3208, 0.3046, 0.3322



70.3208, 0.3001, 0.3228

Sweetspot

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



70.3239, 0.3209, 0.3258



96.5337, 0.3153, 0.3280



70.4240, 0.3112, 0.3141



20.6985, 0.3152, 0.3280



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.



70.3239, 0.3209, 0.3258



88.2648, 0.3223, 0.3253



72.2081, 0.3226, 0.3333



14.9205, 0.3230, 0.3250



9.6660, 0.6030, 0.3095



0.7278, 0.5626, 0.2873

Inverse Universe

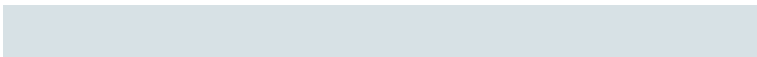
The Inverse Universe completely reimagines the original color for something new.



70.3239, 0.3209, 0.3258



88.2648, 0.3223, 0.3253



73.9662, 0.3033, 0.3247



14.9205, 0.3230, 0.3250



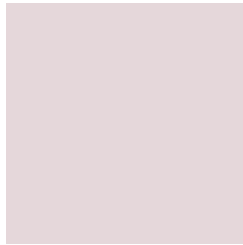
9.6660, 0.6030, 0.3095



0.7278, 0.5626, 0.2873

Previews

White Background



This preview shows how the Yxy color 70.3208, 0.3209, 0.3258 looks on a white background.

Color Contrast Check

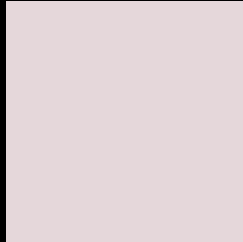
Large Text (above 18pt) WCAG AA × Fail

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 70.3208, 0.3209, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

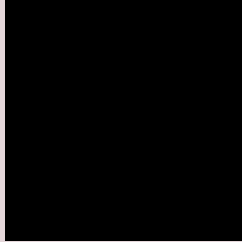
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

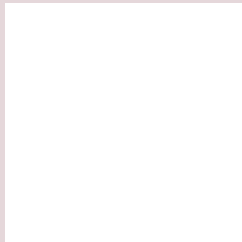
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3208, 0.3209, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 70.3208, 0.3209, 0.3258.

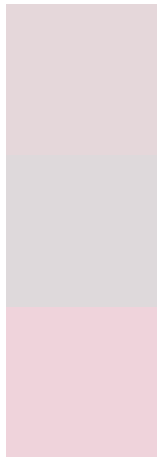


This preview shows how white text looks on a background with the Yxy color 70.3208, 0.3209, 0.3258.

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

70.3208, 0.3209, 0.3258

Protanopia

70.2698, 0.3150, 0.3268

Deuteranopia

70.0537, 0.3281, 0.3206



Tritanopia

70.2906, 0.3143, 0.3110

Trichromacy



Original Color

70.3208, 0.3209, 0.3258

Protanomaly

70.2338, 0.3172, 0.3258

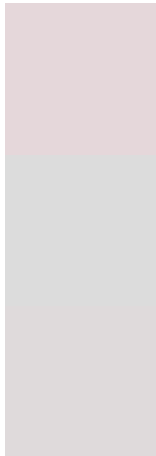
Deuteranomaly

69.8636, 0.3249, 0.3216

Tritanomaly

70.4071, 0.3162, 0.3162

Monochromacy



Original Color

70.3208, 0.3209, 0.3258

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9453, 0.3156, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3208, 0.3209, 0.3258 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, 215, 218)` looks like.

```
.text, #text, p{  
    color:rgb(229, 215, 218)  
}
```

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, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 215, 218) }
```

Border

The CSS property to change the border of an element to Yxy 70.3208, 0.3209, 0.3258 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, 215, 218) }
```

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

```
.border{ border-color:rgb(229, 215, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 215,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3208, 0.3209, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 215, 218) }
```

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

```
.background{ background-color: rgb(229,  
215, 218) }
```

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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