

Converting Colors

Yxy(69.7806, 0.3309, 0.3150)

Have a look what the booklet for
Yxy(69.7806, 0.3309, 0.3150)
contains.

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Color

Yxy(69.7982, 0.3308, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	F5D0DE
RGB	245, 208, 222
RGB Percent	96%, 82%, 87%
CMY	0.0389, 0.1844, 0.1294
CMYK	0.00, 0.15, 0.09, 0.04
HSL	337°, 65%, 89%
HSV	337°, 15%, 96%
XYZ	73.4157, 69.7982, 78.7199
YIQ	220.6590, 17.5580, 12.1980

Conversions

Conversions Part 2

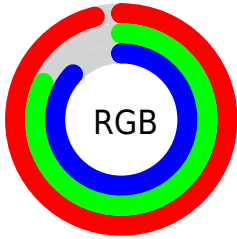
Format	Color
R _Y B	245, 208, 222
Decimal	16109790
CIE Lab	86.90, 15.24, -2.09
CIE LCh	87, 15.380, 352.179
Yxy	69.7982, 0.3308, 0.3145
Android (android.graphics.Color)	4294299870 (0xFFF5D0DE)
YUV	220.6590, 0.6611, 21.3471
Hunter-Lab	83.5453, 10.6532, 2.6162

Details

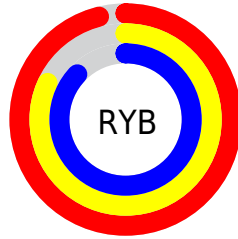
The Yxy color **69.7982, 0.3308, 0.3145** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5243, 0.2975, 0.3440**, and the grayscale version is **72.0474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5926, 0.3345, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **57.9815, 0.3461, 0.3043**, and if you desaturate by 10%, it is **83.5411, 0.3182, 0.3242**.

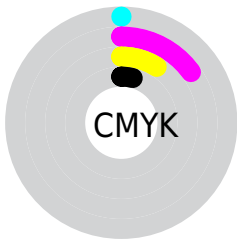
Distribution



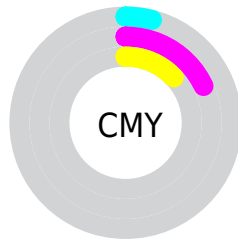
- Red (96%)
- Green (82%)
- Blue (87%)



- Red (96%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (4%)




- Cyan (4%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7982, 0.3308, 0.3145 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 69.7982, 0.3308, 0.3145 by changing the saturation by 10% instead.


 69.7982, 0.3308,
0.3145

 69.7982, 0.3308,
0.3145


459.8411, 0.3224,
0.3212

 51.3620, 0.3327,
0.3130

118.9209, 0.3279,
0.3168

 36.4968, 0.3351,
0.3111


150.3763, 0.3267,
0.3177

 24.8181, 0.3382,
0.3087


186.9402, 0.3258,
0.3185

 15.9416, 0.3422,
0.3055

228.9969, 0.3249,
0.3192

 9.4828, 0.3476,
0.3012

276.9310, 0.3242,
0.3198

 5.0574, 0.3556,
0.2951

331.1268, 0.3235,

 2.2810, 0.3683,

0.3203

0.2853

391.9687, 0.3229,
0.3208

0.7636, 0.3924,
0.2664

0.0000, 1.0000,
0.0000

69.7982, 0.3308,
0.3145

69.7982, 0.3308,
0.3145

57.9815, 0.3461,
0.3043

83.5411, 0.3182,
0.3242

47.9952, 0.3647,
0.2940

98.0035, 0.3080,
0.3314

39.7493, 0.3868,
0.2840

98.1647, 0.3066,
0.3290

33.1425, 0.4128,
0.2753

■ 28.0628, 0.4423,
0.2690

■ 24.3841, 0.4742,
0.2663

■ 21.9595, 0.5067,
0.2685

■ 20.6090, 0.5372,
0.2759

■ 20.2105, 0.5509,
0.2808

Harmonies

Analogous

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



69.7982, 0.3121, 0.3028



69.7982, 0.3308, 0.3145



69.7982, 0.3448, 0.3300

Triad

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



69.7982, 0.3308, 0.3145



69.7982, 0.3309, 0.3622



69.7982, 0.2768, 0.3106

Complementary

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



69.7982, 0.3308, 0.3145



84.5243, 0.2975, 0.3440

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.



69.7982, 0.2815, 0.3267



69.7982, 0.3308, 0.3145



69.7982, 0.3125, 0.3573

Square

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



69.7982, 0.3308, 0.3145



69.7982, 0.3448, 0.3577



69.7982, 0.2944, 0.3440



69.7982, 0.2813, 0.3002

Rectangle

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



69.7982, 0.3308, 0.3145



69.7982, 0.3494, 0.3407



69.7982, 0.2944, 0.3440



69.7982, 0.2774, 0.3155

Sweetspot

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



69.8013, 0.3308, 0.3145



91.6332, 0.3181, 0.3244



68.6627, 0.3042, 0.2903



19.3711, 0.3189, 0.3237



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.



69.8013, 0.3308, 0.3145



72.4269, 0.3349, 0.3116



71.2182, 0.3405, 0.3336



16.5863, 0.3234, 0.3201



10.9058, 0.5467, 0.2785



0.9778, 0.5127, 0.2598

Inverse Universe

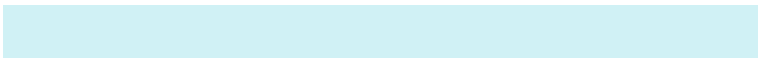
The Inverse Universe completely reimagines the original color for something new.



69.8013, 0.3308, 0.3145



72.4269, 0.3349, 0.3116



82.7611, 0.2895, 0.3244



16.5863, 0.3234, 0.3201



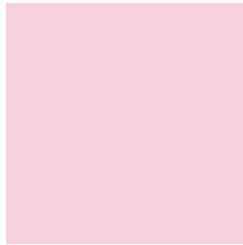
10.9058, 0.5467, 0.2785



0.9778, 0.5127, 0.2598

Previews

White Background



This preview shows how the Yxy color 69.7982, 0.3308, 0.3145 looks on a white background.

Color Contrast Check

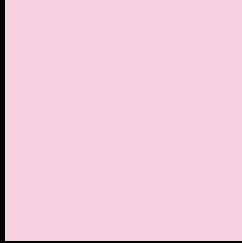
Large Text (above 18pt) WCAG AA × Fail

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 69.7982, 0.3308, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

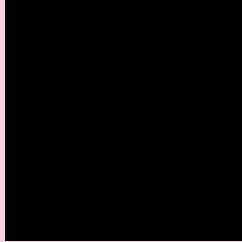
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7982, 0.3308, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 69.7982, 0.3308, 0.3145.



This preview shows how white text looks on a background with the Yxy color 69.7982, 0.3308, 0.3145.

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

69.7982, 0.3308, 0.3145

Protanopia

70.2318, 0.3075, 0.3181

Deuteranopia

69.8135, 0.3251, 0.3185



Tritanopia

69.9060, 0.3293, 0.3125

Trichromacy



Original Color

69.7982, 0.3308, 0.3145

Protanomaly

70.0234, 0.3155, 0.3172

Deuteranomaly

69.8389, 0.3275, 0.3175

Tritanomaly

69.8519, 0.3300, 0.3135

Monochromacy



Original Color

69.7982, 0.3308, 0.3145

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.1552, 0.3195, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7982, 0.3308, 0.3145 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(245, 208, 222)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 222)  
}
```

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(245, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 222) }
```

Border

The CSS property to change the border of an element to Yxy 69.7982, 0.3308, 0.3145 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(245, 208, 222) }
```

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

```
.border{ border-color:rgb(245, 208, 222) }
```

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

Here you see how a box with a 4 pixel rgb(245, 208, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 222);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7982, 0.3308, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 222) }
```

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

```
.background{ background-color: rgb(245,  
208, 222) }
```

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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