

Converting Colors

$Yxy(69.7414, 0.3389, 0.3246)$

Have a look what the booklet for
Yxy(69.7414, 0.3389, 0.3246)
contains.

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Color

Yxy(69.6900, 0.3389, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	F7D0D5
RGB	247, 208, 213
RGB Percent	97%, 82%, 84%
CMY	0.0314, 0.1843, 0.1647
CMYK	0.00, 0.16, 0.14, 0.03
HSL	352°, 71%, 89%
HSV	352°, 16%, 97%
XYZ	72.9174, 69.6900, 72.5516
YIQ	220.2310, 21.6390, 9.8230

Conversions

Conversions Part 2

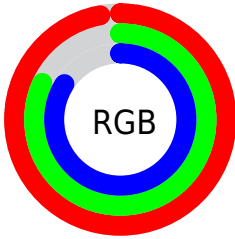
Format	Color
R _Y B	247, 208, 213
Decimal	16240853
CIE Lab	86.84, 14.43, 2.63
CIE LCh	87, 14.664, 10.340
Yxy	69.6900, 0.3389, 0.3239
Android (android.graphics.Color)	4294430933 (0xFFFF7D0D5)
YUV	220.2310, -3.5649, 23.4764
Hunter-Lab	83.4805, 9.8227, 6.9084

Details

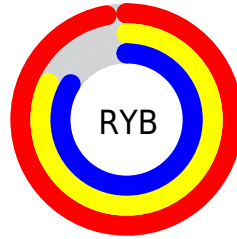
The Yxy color **69.6900, 0.3389, 0.3239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.3327, 0.2915, 0.3342**, and the grayscale version is **71.7542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5270, 0.3453, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **57.5496, 0.3608, 0.3204**, and if you desaturate by 10%, it is **83.8572, 0.3213, 0.3272**.

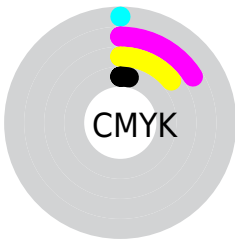
Distribution



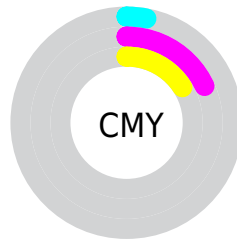
- Red (97%)
- Green (82%)
- Blue (84%)



- Red (97%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6900, 0.3389, 0.3239 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 69.6900, 0.3389, 0.3239 by changing the saturation by 10% instead.


 69.6900, 0.3389,
0.3239

 69.6900, 0.3389,
0.3239

459.4608, 0.3266,
0.3264

 51.2738, 0.3417,
0.3233

118.7666, 0.3346,
0.3248

 36.4266, 0.3453,
0.3226


150.1958, 0.3330,
0.3251

 24.7638, 0.3498,
0.3216


186.7315, 0.3315,
0.3254

 15.9012, 0.3557,
0.3203

228.7580, 0.3303,
0.3256

 9.4543, 0.3639,
0.3185

276.6598, 0.3292,
0.3259

 5.0387, 0.3760,
0.3157

330.8213, 0.3283,

 2.2700, 0.3955,

0.3261

0.3110

391.6268, 0.3274,
0.3262

0.7577, 0.4389,
0.3040

0.0000, 1.0000,
0.0000

69.6900, 0.3389,
0.3239

69.6900, 0.3389,
0.3239

57.5496, 0.3608,
0.3204

83.8572, 0.3213,
0.3272

47.3344, 0.3879,
0.3170

98.5106, 0.3078,
0.3290

38.9483, 0.4209,
0.3138

32.2828, 0.4597,
0.3114

■ 27.2184, 0.5031,
0.3103

■ 23.6199, 0.5476,
0.3113

■ 21.3300, 0.5878,
0.3148

■ 20.1546, 0.6176,
0.3203

■ 19.8724, 0.6266,
0.3225

Harmonies

Analogous

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



69.6900, 0.3232, 0.3101



69.6900, 0.3389, 0.3239



69.6900, 0.3475, 0.3393

Triad

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



69.6900, 0.3389, 0.3239



69.6900, 0.3197, 0.3589



69.6900, 0.2800, 0.3046

Complementary

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



69.6900, 0.3389, 0.3239



86.3327, 0.2915, 0.3342

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.



69.6900, 0.2792, 0.3171



69.6900, 0.3389, 0.3239



69.6900, 0.3017, 0.3491

Square

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



69.6900, 0.3389, 0.3239



69.6900, 0.3361, 0.3600



69.6900, 0.2870, 0.3335



69.6900, 0.2893, 0.2990

Rectangle

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



69.6900, 0.3389, 0.3239



69.6900, 0.3479, 0.3486



69.6900, 0.2870, 0.3335



69.6900, 0.2787, 0.3081

Sweetspot

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



69.6931, 0.3389, 0.3239



91.4374, 0.3201, 0.3274



70.6723, 0.3108, 0.2894



19.3236, 0.3212, 0.3272



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.



69.6931, 0.3389, 0.3239



70.4586, 0.3455, 0.3228



76.7286, 0.3403, 0.3438



16.5169, 0.3274, 0.3260



10.5229, 0.6239, 0.3210



0.9356, 0.5963, 0.3058

Inverse Universe

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



69.6931, 0.3389, 0.3239



70.4586, 0.3455, 0.3228



78.2304, 0.2881, 0.3137



16.5169, 0.3274, 0.3260



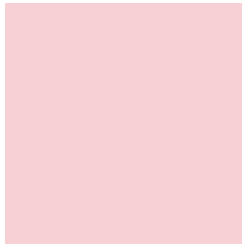
10.5229, 0.6239, 0.3210



0.9356, 0.5963, 0.3058

Previews

White Background



This preview shows how the Yxy color 69.6900, 0.3389, 0.3239 looks on a white background.

Color Contrast Check

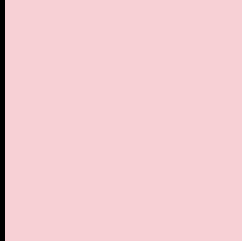
Large Text (above 18pt) WCAG AA × Fail

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 69.6900, 0.3389, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

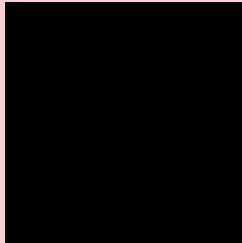
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6900, 0.3389, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 69.6900, 0.3389, 0.3239.



This preview shows how white text looks on a background with the Yxy color 69.6900, 0.3389, 0.3239.

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

69.6900, 0.3389, 0.3239

Protanopia

70.0598, 0.3149, 0.3279

Deuteranopia

70.0934, 0.3339, 0.3270



Tritanopia

69.9098, 0.3324, 0.3126

Trichromacy



Original Color

69.6900, 0.3389, 0.3239

Protanomaly

69.8740, 0.3231, 0.3269

Deuteranomaly

69.9520, 0.3356, 0.3259

Tritanomaly

69.6966, 0.3354, 0.3167

Monochromacy



Original Color

69.6900, 0.3389, 0.3239

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9445, 0.3223, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6900, 0.3389, 0.3239 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(247, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 208, 213)  
}
```

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(247, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 213) }
```

Border

The CSS property to change the border of an element to Yxy 69.6900, 0.3389, 0.3239 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(247, 208, 213) }
```

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

```
.border{ border-color:rgb(247, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 208,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6900, 0.3389, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 208, 213) }
```

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

```
.background{ background-color: rgb(247,  
208, 213) }
```

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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