

Converting Colors

$Yxy(67.3972, 0.3316, 0.3127)$

Have a look what the booklet for
Yxy(67.3972, 0.3316, 0.3127)
contains.

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Color

Yxy(67.4077, 0.3311, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	F3CCDC
RGB	243, 204, 220
RGB Percent	95%, 80%, 86%
CMY	0.0472, 0.1999, 0.1372
CMYK	0.00, 0.16, 0.09, 0.05
HSL	335°, 62%, 88%
HSV	335°, 16%, 95%
XYZ	71.4655, 67.4077, 76.9695
YIQ	217.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

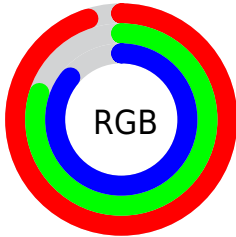
Format	Color
R _Y B	243, 204, 220
Decimal	15977692
CIE Lab	85.71, 16.26, -2.80
CIE LCh	86, 16.500, 350.225
Yxy	67.4077, 0.3311, 0.3123
Android (android.graphics.Color)	4294167772 (0xFFFF3CCDC)
YUV	217.4850, 1.2399, 22.3767
Hunter-Lab	82.1022, 11.6958, 1.8881

Details

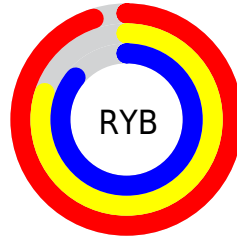
The Yxy color **67.4077, 0.3311, 0.3123** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.4620, 0.2974, 0.3463**, and the grayscale version is **69.7204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0941, 0.3361, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **56.0204, 0.3459, 0.3012**, and if you desaturate by 10%, it is **80.6674, 0.3190, 0.3229**.

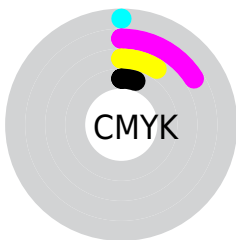
Distribution



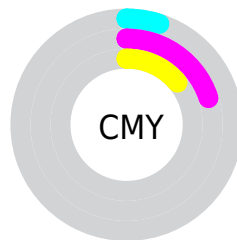
- Red (95%)
- Green (80%)
- Blue (86%)



- Red (95%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (5%)




- Cyan (5%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4077, 0.3311, 0.3123 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 67.4077, 0.3311, 0.3123 by changing the saturation by 10% instead.

 67.4077, 0.3311,
0.3123

 67.4077, 0.3311,
0.3123


451.3946, 0.3225,
0.3201

 49.4160, 0.3331,
0.3105


115.5044, 0.3281,
0.3150

 34.9496, 0.3355,
0.3083


146.3782, 0.3269,
0.3160

 23.6241, 0.3387,
0.3055

182.3149, 0.3260,
0.3169

 15.0550, 0.3428,
0.3019

223.6988, 0.3251,
0.3177

 8.8580, 0.3485,
0.2968

270.9143, 0.3243,
0.3184

 4.6487, 0.3569,
0.2896

324.3459, 0.3237,

 2.0426, 0.3703,

0.3190

0.2780

384.3778, 0.3231,
0.3196

0.6321, 0.3992,
0.2505

0.0000, 0.0000,
0.0000

67.4077, 0.3311,
0.3123

67.4077, 0.3311,
0.3123

56.0204, 0.3459,
0.3012

80.6674, 0.3190,
0.3229

46.4118, 0.3637,
0.2900

95.8701, 0.3090,
0.3329

38.4932, 0.3848,
0.2793

97.7879, 0.3053,
0.3290

32.1650, 0.4095,
0.2700

■ 27.3168, 0.4373,
0.2632

■ 23.8240, 0.4673,
0.2602

■ 21.5411, 0.4978,
0.2622

■ 20.2883, 0.5266,
0.2696

■ 19.9652, 0.5375,
0.2735

Harmonies

Analogous

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



67.4077, 0.3106, 0.3000



67.4077, 0.3311, 0.3123



67.4077, 0.3469, 0.3289

Triad

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



67.4077, 0.3311, 0.3123



67.4077, 0.3336, 0.3651



67.4077, 0.2739, 0.3100

Complementary

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



67.4077, 0.3311, 0.3123



82.4620, 0.2974, 0.3463

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.



67.4077, 0.2796, 0.3277



67.4077, 0.3311, 0.3123



67.4077, 0.3137, 0.3605

Square

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



67.4077, 0.3311, 0.3123



67.4077, 0.3482, 0.3595



67.4077, 0.2940, 0.3465



67.4077, 0.2781, 0.2982

Rectangle

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



67.4077, 0.3311, 0.3123



67.4077, 0.3523, 0.3405



67.4077, 0.2940, 0.3465



67.4077, 0.2747, 0.3154

Sweetspot

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



67.4107, 0.3311, 0.3123



91.6589, 0.3179, 0.3240



65.9509, 0.3027, 0.2878



19.3773, 0.3186, 0.3232



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

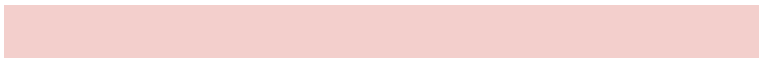
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4107, 0.3311, 0.3123



71.1843, 0.3353, 0.3090



68.1617, 0.3426, 0.3325



16.5954, 0.3229, 0.3193



10.9867, 0.5335, 0.2712



0.9855, 0.5008, 0.2532

Inverse Universe

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



67.4107, 0.3311, 0.3123



71.1843, 0.3353, 0.3090



81.4621, 0.2883, 0.3255



16.5954, 0.3229, 0.3193



10.9867, 0.5335, 0.2712



0.9855, 0.5008, 0.2532

Previews

White Background



This preview shows how the Yxy color 67.4077, 0.3311, 0.3123 looks on a white background.

Color Contrast Check

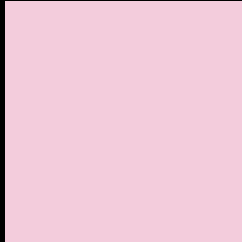
Large Text (above 18pt) WCAG AA × Fail

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 67.4077, 0.3311, 0.3123 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 67.4077, 0.3311, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 67.4077, 0.3311, 0.3123.



This preview shows how white text looks on a background with the Yxy color 67.4077, 0.3311, 0.3123.

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

67.4077, 0.3311, 0.3123

Protanopia

67.4718, 0.3061, 0.3157

Deuteranopia

67.5499, 0.3238, 0.3173



Tritanopia

67.4077, 0.3311, 0.3123

Trichromacy



Original Color

67.4077, 0.3311, 0.3123

Protanomaly

67.4285, 0.3149, 0.3149

Deuteranomaly

67.7446, 0.3270, 0.3163

Tritanomaly

67.4077, 0.3311, 0.3123

Monochromacy



Original Color

67.4077, 0.3311, 0.3123

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.3177, 0.3189, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4077, 0.3311, 0.3123 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(243, 204, 220)` looks like.

```
.text, #text, p{  
    color:rgb(243, 204, 220)  
}
```

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(243, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 204, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.4077, 0.3311, 0.3123 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(243, 204, 220) }
```

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

```
.border{ border-color:rgb(243, 204, 220) }
```

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

Here you see how a box with a 4 pixel rgb(243, 204, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(243, 204,  
220) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 67.4077, 0.3311, 0.3123$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 204, 220) }
```

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

```
.background{ background-color: rgb(243,  
204, 220) }
```

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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