

Converting Colors

Yxy(67.2333, 0.3304, 0.3123)

Have a look what the booklet for
Yxy(67.2333, 0.3304, 0.3123)
contains.

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Color

Yxy(67.2303, 0.3304, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	F2CCDC
RGB	242, 204, 220
RGB Percent	95%, 80%, 86%
CMY	0.0510, 0.2000, 0.1374
CMYK	0.00, 0.16, 0.09, 0.05
HSL	335°, 59%, 87%
HSV	335°, 16%, 95%
XYZ	71.1268, 67.2303, 76.9177
YIQ	217.1860, 17.5120, 13.0320

Conversions

Conversions Part 2

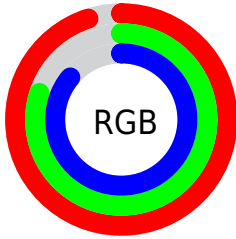
Format	Color
R _Y B	242, 204, 220
Decimal	15912156
CIE Lab	85.62, 15.93, -2.92
CIE LCh	86, 16.190, 349.626
Yxy	67.2303, 0.3304, 0.3123
Android (android.graphics.Color)	4294102236 (0xFF F2CC DC)
YUV	217.1860, 1.3873, 21.7619
Hunter-Lab	81.9941, 11.3524, 1.7766

Details

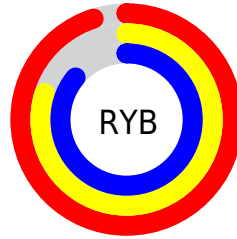
The Yxy color $67.2303, 0.3304, 0.3123$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.8385, 0.2979, 0.3463$, and the grayscale version is $69.5046, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.9684, 0.3350, 0.3087$ is the 20% darker color. If you saturate the color by 10%, you get $55.8961, 0.3448, 0.3010$, and if you desaturate by 10%, it is $80.4202, 0.3185, 0.3231$.

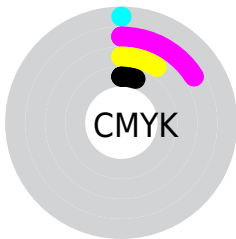
Distribution



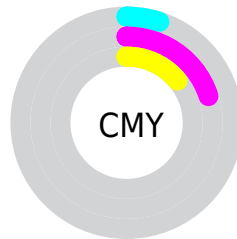
- Red (95%)
- Green (80%)
- Blue (86%)



- 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 67.2303, 0.3304, 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 67.2303, 0.3304, 0.3123 by changing the saturation by 10% instead.


 67.2303, 0.3304,
0.3123

 67.2303, 0.3304,
0.3123


450.7641, 0.3221,
0.3201

 49.2718, 0.3323,
0.3105


115.2503, 0.3275,
0.3150

 34.8351, 0.3347,
0.3083


146.0807, 0.3264,
0.3160

 23.5359, 0.3377,
0.3055


181.9704, 0.3254,
0.3169

 14.9897, 0.3417,
0.3019

223.3040, 0.3246,
0.3177

 8.8122, 0.3472,
0.2968

270.4657, 0.3239,
0.3184

 4.6189, 0.3552,
0.2895

323.8401, 0.3232,

 2.0254, 0.3681,

0.3190

0.2780

383.8114, 0.3227,
0.3196

0.6222, 0.3965,
0.2497

0.0000, 0.0000,
0.0000

67.2303, 0.3304,
0.3123

67.2303, 0.3304,
0.3123

55.8961, 0.3448,
0.3010

80.4202, 0.3185,
0.3231

46.3249, 0.3622,
0.2896

95.5354, 0.3088,
0.3333

38.4293, 0.3829,
0.2786

97.6180, 0.3048,
0.3290

32.1110, 0.4070,
0.2690

■ 27.2612, 0.4342,
0.2618

■ 23.7572, 0.4635,
0.2585

■ 21.4557, 0.4935,
0.2601

■ 20.1805, 0.5220,
0.2672

■ 19.8309, 0.5336,
0.2713

Harmonies

Analogous

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



67.2303, 0.3103, 0.3004



67.2303, 0.3304, 0.3123



67.2303, 0.3460, 0.3285

Triad

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



67.2303, 0.3304, 0.3123



67.2303, 0.3336, 0.3644



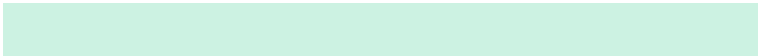
67.2303, 0.2745, 0.3106

Complementary

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



67.2303, 0.3304, 0.3123



81.8385, 0.2979, 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.



67.2303, 0.2804, 0.3281



67.2303, 0.3304, 0.3123



67.2303, 0.3141, 0.3601

Square

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



67.2303, 0.3304, 0.3123



67.2303, 0.3478, 0.3587



67.2303, 0.2947, 0.3465



67.2303, 0.2785, 0.2989

Rectangle

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



67.2303, 0.3304, 0.3123



67.2303, 0.3515, 0.3400



67.2303, 0.2947, 0.3465



67.2303, 0.2754, 0.3160

Sweetspot

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



67.2333, 0.3304, 0.3123



91.6661, 0.3178, 0.3238



65.6949, 0.3025, 0.2886



19.3791, 0.3185, 0.3231



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.



67.2333, 0.3304, 0.3123



71.2088, 0.3349, 0.3086



67.6415, 0.3420, 0.3318



15.8690, 0.3227, 0.3191



10.6788, 0.5294, 0.2690



0.9078, 0.4955, 0.2504

Inverse Universe

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



67.2333, 0.3304, 0.3123



71.2088, 0.3349, 0.3086



81.2588, 0.2888, 0.3262



15.8690, 0.3227, 0.3191



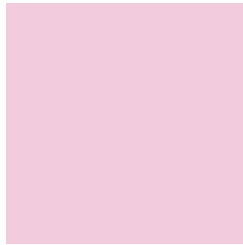
10.6788, 0.5294, 0.2690



0.9078, 0.4955, 0.2504

Previews

White Background



This preview shows how the Yxy color 67.2303, 0.3304, 0.3123 looks on a white background.

Color Contrast Check

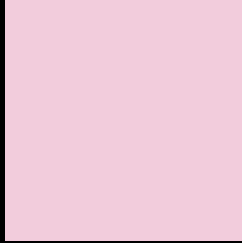
Large Text (above 18pt) WCAG AA × Fail

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 67.2303, 0.3304, 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 67.2303, 0.3304, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 67.2303, 0.3304, 0.3123.



This preview shows how white text looks on a background with the Yxy color 67.2303, 0.3304, 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

67.2303, 0.3304, 0.3123

Protanopia

67.4718, 0.3061, 0.3157

Deuteranopia

67.5499, 0.3238, 0.3173



Tritanopia

67.2303, 0.3304, 0.3123

Trichromacy



Original Color

67.2303, 0.3304, 0.3123

Protanomaly

67.4285, 0.3149, 0.3149

Deuteranomaly

67.5730, 0.3262, 0.3163

Tritanomaly

67.2303, 0.3304, 0.3123

Monochromacy



Original Color

67.2303, 0.3304, 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 67.2303, 0.3304, 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(242, 204, 220)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 204, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.2303, 0.3304, 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(242, 204, 220) }
```

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

```
.border{ border-color:rgb(242, 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(242, 204, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(242, 204,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2303, 0.3304, 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(242, 204, 220) }
```

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

```
.background{ background-color: rgb(242,  
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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