

Converting Colors

Yxy(69.4593, 0.3322, 0.3176)

Have a look what the booklet for
Yxy(69.4593, 0.3322, 0.3176)
contains.

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Color

Yxy(69.4593, 0.3322, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	F4D0DB
RGB	244, 208, 219
RGB Percent	96%, 82%, 86%
CMY	0.0431, 0.1843, 0.1412
CMYK	0.00, 0.15, 0.10, 0.04
HSL	342°, 62%, 89%
HSV	342°, 15%, 96%
XYZ	72.6523, 69.4593, 76.5889
YIQ	220.0180, 17.9250, 11.0530

Conversions

Conversions Part 2

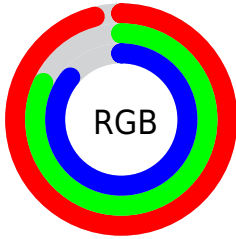
Format	Color
RYB	244, 208, 219
Decimal	16044251
CIELab	86.73, 14.36, -0.75
CIELCh	87, 14.379, 357.026
Yxy	69.4593, 0.3322, 0.3176
Android (android.graphics.Color)	4294234331 (0xFFF4D0DB)
YUV	220.0180, -0.5019, 21.0322
Hunter-Lab	83.3422, 9.7557, 3.8539

Details

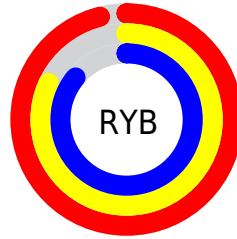
The Yxy color **69.4593, 0.3322, 0.3176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.0040, 0.2964, 0.3407**, and the grayscale version is **71.5799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4829, 0.3374, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **57.6169, 0.3492, 0.3094**, and if you desaturate by 10%, it is **83.2292, 0.3184, 0.3255**.

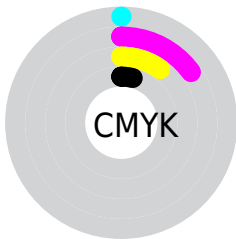
Distribution



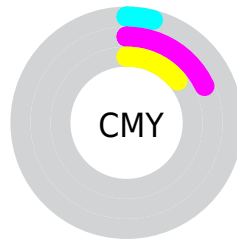
- Red (96%)
- Green (82%)
- Blue (86%)



- Red (96%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (4%)




- Cyan (4%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4593, 0.3322, 0.3176 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 69.4593, 0.3322, 0.3176 by changing the saturation by 10% instead.

 69.4593, 0.3322,
0.3176

 69.4593, 0.3322,
0.3176


458.6492, 0.3231,
0.3229

 51.0859, 0.3343,
0.3164


118.4374, 0.3290,
0.3195

 36.2769, 0.3369,
0.3149


149.8108, 0.3278,
0.3202

 24.6482, 0.3402,
0.3129


186.2863, 0.3267,
0.3208

 15.8151, 0.3446,
0.3104

228.2483, 0.3258,
0.3213

 9.3934, 0.3506,
0.3069

276.0812, 0.3250,
0.3218

 4.9987, 0.3594,
0.3019

330.1694, 0.3243,

 2.2465, 0.3735,

0.3222

0.2938

390.8973, 0.3237,
0.3226

0.7452, 0.4012,
0.2774

0.0000, 1.0000,
0.0000

69.4593, 0.3322,
0.3176

69.4593, 0.3322,
0.3176

57.6169, 0.3492,
0.3094

83.2292, 0.3184,
0.3255

47.6067, 0.3699,
0.3010

97.8410, 0.3072,
0.3310

39.3391, 0.3949,
0.2930

97.9754, 0.3060,
0.3290

32.7132, 0.4244,
0.2861

■ 27.6177, 0.4580,
0.2813

■ 23.9273, 0.4942,
0.2799

■ 21.4967, 0.5305,
0.2830

■ 20.1480, 0.5635,
0.2909

■ 19.7361, 0.5787,
0.2962

Harmonies

Analogous

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



69.4593, 0.3151, 0.3058



69.4593, 0.3322, 0.3176



69.4593, 0.3442, 0.3324

Triad

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



69.4593, 0.3322, 0.3176



69.4593, 0.3272, 0.3599



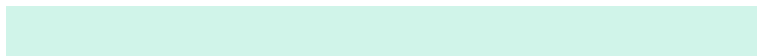
69.4593, 0.2791, 0.3098

Complementary

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



69.4593, 0.3322, 0.3176



84.0040, 0.2964, 0.3407

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.



69.4593, 0.2822, 0.3242



69.4593, 0.3322, 0.3176



69.4593, 0.3096, 0.3539

Square

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



69.4593, 0.3322, 0.3176



69.4593, 0.3412, 0.3571



69.4593, 0.2932, 0.3406



69.4593, 0.2847, 0.3011

Rectangle

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



69.4593, 0.3322, 0.3176



69.4593, 0.3475, 0.3423



69.4593, 0.2932, 0.3406



69.4593, 0.2792, 0.3141

Sweetspot

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



69.4624, 0.3322, 0.3176



93.2158, 0.3174, 0.3260



68.9034, 0.3062, 0.2915



19.6875, 0.3184, 0.3254



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

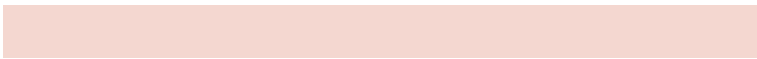
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4624, 0.3322, 0.3176



72.2435, 0.3374, 0.3149



72.1892, 0.3393, 0.3360



16.5658, 0.3246, 0.3218



10.7514, 0.5746, 0.2939



0.9625, 0.5392, 0.2744

Inverse Universe

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



69.4624, 0.3322, 0.3176



72.2435, 0.3374, 0.3149



80.7494, 0.2900, 0.3219



16.5658, 0.3246, 0.3218



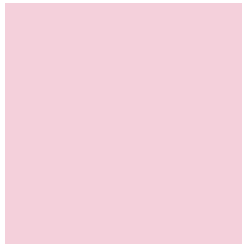
10.7514, 0.5746, 0.2939



0.9625, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 69.4593, 0.3322, 0.3176 looks on a white background.

Color Contrast Check

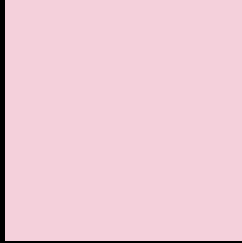
Large Text (above 18pt) WCAG AA × Fail

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 69.4593, 0.3322, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

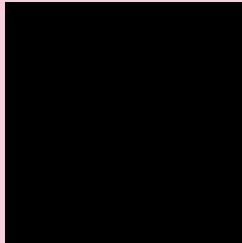
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4593, 0.3322, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 69.4593, 0.3322, 0.3176.



This preview shows how white text looks on a background with the Yxy color 69.4593, 0.3322, 0.3176.

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

69.4593, 0.3322, 0.3176

Protanopia

69.5536, 0.3095, 0.3203

Deuteranopia

69.3848, 0.3274, 0.3195



Tritanopia

69.3658, 0.3301, 0.3125

Trichromacy



Original Color

69.4593, 0.3322, 0.3176

Protanomaly

69.3564, 0.3176, 0.3193

Deuteranomaly

69.2407, 0.3290, 0.3185

Tritanomaly

69.3121, 0.3309, 0.3135

Monochromacy



Original Color

69.4593, 0.3322, 0.3176

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9371, 0.3195, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4593, 0.3322, 0.3176 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(244, 208, 219)` looks like.

```
.text, #text, p{  
    color:rgb(244, 208, 219)  
}
```

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(244, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 219) }
```

Border

The CSS property to change the border of an element to Yxy 69.4593, 0.3322, 0.3176 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(244, 208, 219) }
```

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

```
.border{ border-color:rgb(244, 208, 219) }
```

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

Here you see how a box with a 4 pixel rgb(244, 208, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 219);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4593, 0.3322, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 219) }
```

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

```
.background{ background-color: rgb(244,  
208, 219) }
```

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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