

Converting Colors

Yxy(68.9513, 0.3428, 0.3280)

Have a look what the booklet for
Yxy(68.9513, 0.3428, 0.3280)
contains.

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Color

Yxy(68.9539, 0.3428, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F7CFD0
RGB	247, 207, 208
RGB Percent	97%, 81%, 82%
CMY	0.0313, 0.1883, 0.1842
CMYK	0.00, 0.16, 0.16, 0.03
HSL	358°, 72%, 89%
HSV	358°, 16%, 97%
XYZ	72.0652, 68.9539, 69.2062
YIQ	219.0740, 23.5190, 8.7910

Conversions

Conversions Part 2

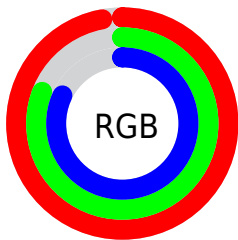
Format	Color
R _Y B	247, 207, 208
Decimal	16240592
CIE Lab	86.48, 14.20, 4.73
CIE LCh	86, 14.969, 18.431
Yxy	68.9539, 0.3428, 0.3280
Android (android.graphics.Color)	4294430672 (0xFFF7CFD0)
YUV	219.0740, -5.4595, 24.4911
Hunter-Lab	83.0385, 9.5945, 8.7133

Details

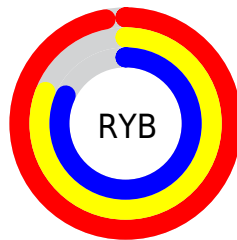
The Yxy color **68.9539, 0.3428, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.4542, 0.2887, 0.3300**, and the grayscale version is **70.9233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0627, 0.3495, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **56.8135, 0.3676, 0.3274**, and if you desaturate by 10%, it is **83.1526, 0.3230, 0.3286**.

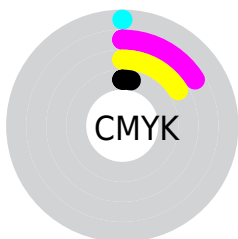
Distribution



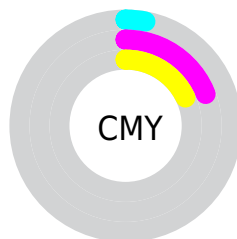
- Red (97%)
- Green (81%)
- Blue (82%)



- Red (97%)
- Yellow (81%)
- Blue (82%)



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





- Cyan (3%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9539, 0.3428, 0.3280 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 68.9539, 0.3428, 0.3280 by changing the saturation by 10% instead.

 68.9539, 0.3428,
0.3280

 68.9539, 0.3428,
0.3280


456.8684, 0.3287,
0.3286

 50.6742, 0.3461,
0.3278

117.7157, 0.3378,
0.3282

 35.9494, 0.3502,
0.3276


148.9666, 0.3359,
0.3283

 24.3951, 0.3554,
0.3272


185.3100, 0.3343,
0.3284

 15.6270, 0.3623,
0.3268

227.1303, 0.3329,
0.3285

 9.2606, 0.3719,
0.3260

274.8119, 0.3316,
0.3285

 4.9115, 0.3861,
0.3246

328.7392, 0.3305,

 2.1954, 0.4090,

0.3286

0.3220

389.2965, 0.3295,
0.3286

0.7175, 0.4717,
0.3246

0.0000, 0.0000,
0.0000

68.9539, 0.3428,
0.3280

68.9539, 0.3428,
0.3280

56.8135, 0.3676,
0.3274

83.1526, 0.3230,
0.3286

46.6273, 0.3984,
0.3267

98.5187, 0.3078,
0.3290

38.2959, 0.4359,
0.3262

31.7078, 0.4796,
0.3259

■ 26.7392, 0.5271,
0.3259

■ 23.2503, 0.5734,
0.3264

■ 21.0777, 0.6109,
0.3275

■ 20.0183, 0.6333,
0.3288

■ 19.7928, 0.6382,
0.3289

Harmonies

Analogous

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



68.9539, 0.3283, 0.3131



68.9539, 0.3428, 0.3280



68.9539, 0.3491, 0.3436

Triad

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



68.9539, 0.3428, 0.3280



68.9539, 0.3148, 0.3577



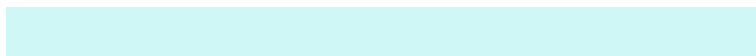
68.9539, 0.2810, 0.3017

Complementary

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



68.9539, 0.3428, 0.3280



86.4542, 0.2887, 0.3300

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.



68.9539, 0.2777, 0.3128



68.9539, 0.3428, 0.3280



68.9539, 0.2969, 0.3456

Square

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



68.9539, 0.3428, 0.3280



68.9539, 0.3326, 0.3614



68.9539, 0.2834, 0.3289



68.9539, 0.2926, 0.2981

Rectangle

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



68.9539, 0.3428, 0.3280



68.9539, 0.3476, 0.3524



68.9539, 0.2834, 0.3289



68.9539, 0.2789, 0.3047

Sweetspot

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



68.9570, 0.3428, 0.3280



91.3590, 0.3209, 0.3287



70.8765, 0.3136, 0.2887



19.3047, 0.3221, 0.3287



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.



68.9570, 0.3428, 0.3280



70.2125, 0.3493, 0.3278



78.4995, 0.3405, 0.3483



16.4895, 0.3290, 0.3284



10.4685, 0.6374, 0.3285



0.9225, 0.6305, 0.3247

Inverse Universe

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



68.9570, 0.3428, 0.3280



70.2125, 0.3493, 0.3278



75.6576, 0.2873, 0.3089



16.4895, 0.3290, 0.3284



10.4685, 0.6374, 0.3285



0.9225, 0.6305, 0.3247

Previews

White Background



This preview shows how the Yxy color 68.9539, 0.3428, 0.3280 looks on a white background.

Color Contrast Check

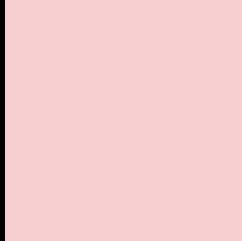
Large Text (above 18pt) WCAG AA × Fail

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 68.9539, 0.3428, 0.3280 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 68.9539, 0.3428, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 68.9539, 0.3428, 0.3280.



This preview shows how white text looks on a background with the Yxy color 68.9539, 0.3428, 0.3280.

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

68.9539, 0.3428, 0.3280

Protanopia

69.2880, 0.3184, 0.3323

Deuteranopia

68.8558, 0.3378, 0.3301



Tritanopia

69.0228, 0.3349, 0.3126

Trichromacy



Original Color

68.9539, 0.3428, 0.3280

Protanomaly

69.1146, 0.3268, 0.3312

Deuteranomaly

68.7205, 0.3395, 0.3291

Tritanomaly

69.0569, 0.3377, 0.3187

Monochromacy



Original Color

68.9539, 0.3428, 0.3280

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1652, 0.3230, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9539, 0.3428, 0.3280 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, 207, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 207, 208)  
}
```

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, 207, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 207, 208) }
```

Border

The CSS property to change the border of an element to Yxy 68.9539, 0.3428, 0.3280 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, 207, 208) }
```

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

```
.border{ border-color:rgb(247, 207, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 207, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 207, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 207, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 207,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9539, 0.3428, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 207, 208) }
```

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

```
.background{ background-color: rgb(247,  
207, 208) }
```

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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