

Converting Colors

$Y_{xy}(70.5511, 0.3303, 0.3077)$

Have a look what the booklet for
Yxy(70.5511, 0.3303, 0.3077)
contains.

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Color

Yxy(70.5511, 0.3303, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	FACFE4
RGB	250, 207, 228
RGB Percent	98%, 81%, 89%
CMY	0.0197, 0.1882, 0.1060
CMYK	0.00, 0.17, 0.09, 0.02
HSL	331°, 81%, 90%
HSV	331°, 17%, 98%
XYZ	75.7329, 70.5511, 83.0013
YIQ	222.2510, 18.8870, 15.6470

Conversions

Conversions Part 2

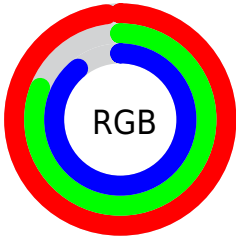
Format	Color
R _Y B	250, 207, 228
Decimal	16437220
CIE Lab	87.27, 18.42, -4.65
CIE LCh	87, 19.003, 345.823
Yxy	70.5511, 0.3303, 0.3077
Android (android.graphics.Color)	4294627300 (0xFFFA ^C FE4)
YUV	222.2510, 2.8343, 24.3359
Hunter-Lab	83.9947, 13.9519, 0.2075

Details

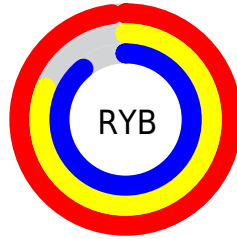
The Yxy color $70.5511, 0.3303, 0.3077$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87.2887, 0.2981, 0.3513$, and the grayscale version is $73.2032, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.1371, 0.3338, 0.3029$ is the 20% darker color. If you saturate the color by 10%, you get $58.6987, 0.3435, 0.2946$, and if you desaturate by 10%, it is $84.3801, 0.3194, 0.3203$.

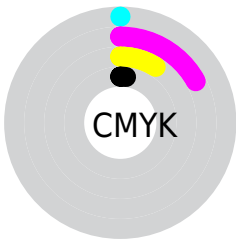
Distribution



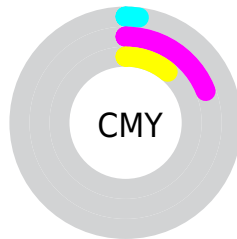
- Red (98%)
- Green (81%)
- Blue (89%)



- Red (98%)
- Yellow (81%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5511, 0.3303, 0.3077 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 70.5511, 0.3303, 0.3077 by changing the saturation by 10% instead.


 70.5511, 0.3303,
0.3077

 70.5511, 0.3303,
0.3077

462.4827, 0.3222,
0.3175

 51.9759, 0.3321,
0.3055


119.9943, 0.3275,
0.3111

 36.9859, 0.3344,
0.3028


151.6312, 0.3264,
0.3124

 25.1966, 0.3373,
0.2994


188.3907, 0.3255,
0.3135

 16.2236, 0.3411,
0.2949

230.6574, 0.3246,
0.3145

 9.6825, 0.3462,
0.2889

278.8155, 0.3239,
0.3154

 5.1890, 0.3535,
0.2804


333.2495, 0.3233,


 2.3586, 0.3650,


0.3161


0.2672

394.3437, 0.3227,
0.3168


 0.8044, 0.3857,
0.2439


 0.0000, 1.0000,
0.0000


 70.5511, 0.3303,
0.3077


 70.5511, 0.3303,
0.3077


 58.6987, 0.3435,
0.2946


 84.3801, 0.3194,
0.3203

 48.7225, 0.3592,
0.2814

 98.9705, 0.3104,
0.3304

 40.5270, 0.3776,
0.2689

 99.0613, 0.3096,
0.3290

 34.0049, 0.3989,
0.2579

■ 29.0370, 0.4226,
0.2497

■ 25.4881, 0.4479,
0.2456

■ 23.1996, 0.4737,
0.2467

■ 21.9673, 0.4984,
0.2533

■ 21.7239, 0.5052,
0.2557

Harmonies

Analogous

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



70.5511, 0.3069, 0.2949



70.5511, 0.3303, 0.3077



70.5511, 0.3495, 0.3258

Triad

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



70.5511, 0.3303, 0.3077



70.5511, 0.3393, 0.3698



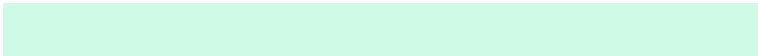
70.5511, 0.2691, 0.3099

Complementary

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



70.5511, 0.3303, 0.3077



87.2887, 0.2981, 0.3513

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.



70.5511, 0.2771, 0.3306



70.5511, 0.3303, 0.3077



70.5511, 0.3172, 0.3664

Square

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



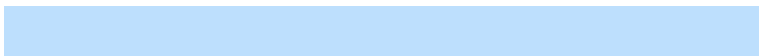
70.5511, 0.3303, 0.3077



70.5511, 0.3546, 0.3616



70.5511, 0.2945, 0.3518



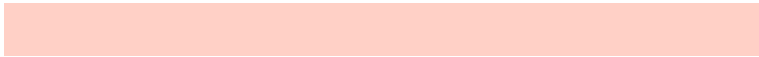
70.5511, 0.2722, 0.2955

Rectangle

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



70.5511, 0.3303, 0.3077



70.5511, 0.3568, 0.3390



70.5511, 0.2945, 0.3518



70.5511, 0.2705, 0.3164

Sweetspot

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



70.5542, 0.3303, 0.3077



91.7195, 0.3173, 0.3230



68.1104, 0.2993, 0.2842



19.3920, 0.3179, 0.3222



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

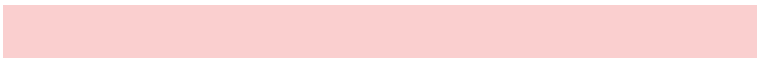
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5542, 0.3303, 0.3077



68.8206, 0.3351, 0.3027



69.4603, 0.3459, 0.3291



17.3663, 0.3217, 0.3175



11.5535, 0.5015, 0.2536



1.0914, 0.4742, 0.2386

Inverse Universe

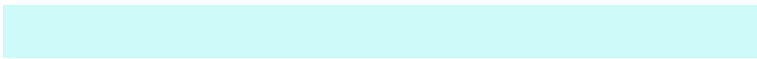
The Inverse Universe completely reimagines the original color for something new.



70.5542, 0.3303, 0.3077



68.8206, 0.3351, 0.3027



88.5310, 0.2867, 0.3289



17.3663, 0.3217, 0.3175



11.5535, 0.5015, 0.2536



1.0914, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 70.5511, 0.3303, 0.3077 looks on a white background.

Color Contrast Check

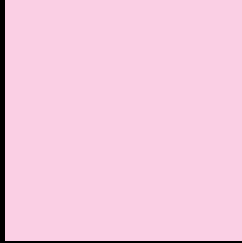
Large Text (above 18pt) WCAG AA × Fail

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 70.5511, 0.3303, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

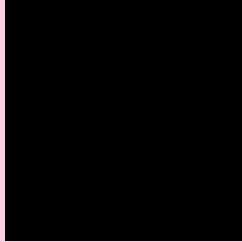
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.5511, 0.3303, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 70.5511, 0.3303, 0.3077.



This preview shows how white text looks on a background with the Yxy color 70.5511, 0.3303, 0.3077.

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

70.5511, 0.3303, 0.3077

Protanopia

70.9887, 0.3023, 0.3117

Deuteranopia

70.4659, 0.3201, 0.3133



Tritanopia

70.6333, 0.3323, 0.3127

Trichromacy



Original Color

70.5511, 0.3303, 0.3077

Protanomaly

70.7423, 0.3122, 0.3100

Deuteranomaly

70.3400, 0.3240, 0.3113

Tritanomaly

70.6877, 0.3316, 0.3117

Monochromacy



Original Color

70.5511, 0.3303, 0.3077

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.1633, 0.3188, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5511, 0.3303, 0.3077 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(250, 207, 228)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 228)  
}
```

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(250, 207, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 228) }
```

Border

The CSS property to change the border of an element to Yxy 70.5511, 0.3303, 0.3077 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(250, 207, 228) }
```

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

```
.border{ border-color:rgb(250, 207, 228) }
```

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

Here you see how a box with a 4 pixel rgb(250, 207, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5511, 0.3303, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 228) }
```

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

```
.background{ background-color: rgb(250,  
207, 228) }
```

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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