

Converting Colors

$Y_{xy}(72.9991, 0.3211, 0.3066)$

Have a look what the booklet for
Yxy(72.9991, 0.3211, 0.3066)
contains.

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Color

Yxy(72.9991, 0.3211, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	F5D5EB
RGB	245, 213, 235
RGB Percent	96%, 84%, 92%
CMY	0.0391, 0.1647, 0.0785
CMYK	0.00, 0.13, 0.04, 0.04
HSL	319°, 62%, 90%
HSV	319°, 13%, 96%
XYZ	76.4514, 72.9991, 88.6418
YIQ	225.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

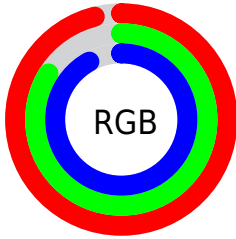
Format	Color
R _Y B	245, 213, 235
Decimal	16111083
CIE Lab	88.45, 14.80, -6.67
CIE LCh	88, 16.228, 335.745
Yxy	72.9991, 0.3211, 0.3066
Android (android.graphics.Color)	4294301163 (0xFFF5D5EB)
YUV	225.0760, 4.8925, 17.4733
Hunter-Lab	85.4395, 10.2030, -1.7045

Details

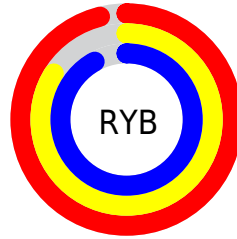
The Yxy color **72.9991, 0.3211, 0.3066** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.8007, 0.3052, 0.3525**, and the grayscale version is **75.3137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5272, 0.3236, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **61.1582, 0.3288, 0.2887**, and if you desaturate by 10%, it is **86.7279, 0.3145, 0.3239**.

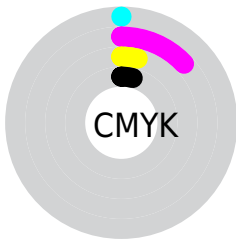
Distribution



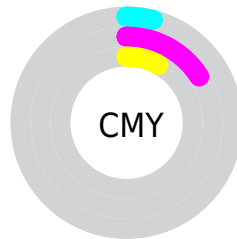
- Red (96%)
- Green (84%)
- Blue (92%)



- Red (96%)
- Yellow (84%)
- Blue (92%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9991, 0.3211, 0.3066 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 72.9991, 0.3211, 0.3066 by changing the saturation by 10% instead.


 72.9991, 0.3211,
0.3066

 72.9991, 0.3211,
0.3066


471.0117, 0.3173,
0.3168

 53.9752, 0.3219,
0.3043

123.4759, 0.3198,
0.3101

 38.5819, 0.3230,
0.3015

155.6977, 0.3193,
0.3115

 26.4346, 0.3243,
0.2980


193.0875, 0.3189,
0.3126

 17.1490, 0.3259,
0.2935

236.0298, 0.3185,
0.3137

 10.3408, 0.3282,
0.2874

284.9090, 0.3181,
0.3146

 5.6255, 0.3313,
0.2788

340.1094, 0.3178,

 2.6187, 0.3360,

0.3154

0.2658

402.0155, 0.3176,
0.3161

0.9361, 0.3437,
0.2438

0.0000, 0.4149,
0.0000

72.9991, 0.3211,
0.3066

72.9991, 0.3211,
0.3066

61.1582, 0.3288,
0.2887

86.7279, 0.3145,
0.3239

51.1120, 0.3379,
0.2706

97.8630, 0.3092,
0.3335

42.7740, 0.3482,
0.2531

98.1584, 0.3066,
0.3290

36.0465, 0.3598,
0.2370

■ 30.8219, 0.3724,
0.2234

■ 26.9795, 0.3858,
0.2134

■ 24.3798, 0.3994,
0.2079

■ 22.8536, 0.4129,
0.2076

■ 22.2508, 0.4220,
0.2098

Harmonies

Analogous

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



72.9991, 0.3014, 0.2978



72.9991, 0.3211, 0.3066



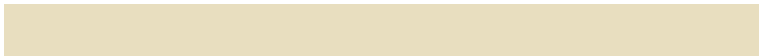
72.9991, 0.3390, 0.3209

Triad

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



72.9991, 0.3211, 0.3066



72.9991, 0.3405, 0.3621



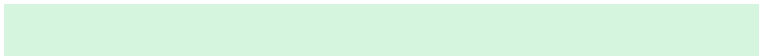
72.9991, 0.2769, 0.3185

Complementary

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



72.9991, 0.3211, 0.3066



84.8007, 0.3052, 0.3525

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.



72.9991, 0.2868, 0.3367



72.9991, 0.3211, 0.3066



72.9991, 0.3232, 0.3625

Square

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



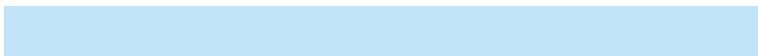
72.9991, 0.3211, 0.3066



72.9991, 0.3504, 0.3527



72.9991, 0.3036, 0.3531



72.9991, 0.2764, 0.3041

Rectangle

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



72.9991, 0.3211, 0.3066



72.9991, 0.3473, 0.3320



72.9991, 0.3036, 0.3531



72.9991, 0.2793, 0.3244

Sweetspot

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



73.0023, 0.3211, 0.3066



93.4594, 0.3151, 0.3223



69.8072, 0.2984, 0.2951



19.7491, 0.3156, 0.3210



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

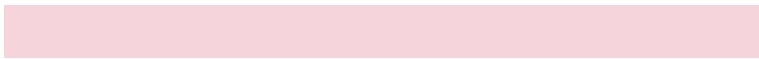
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0023, 0.3211, 0.3066



75.8771, 0.3233, 0.3014



72.1411, 0.3321, 0.3224



16.6746, 0.3186, 0.3129



12.0095, 0.4199, 0.2087



1.0740, 0.4044, 0.2001

Inverse Universe

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



73.0023, 0.3211, 0.3066



75.8771, 0.3233, 0.3014



85.6802, 0.2963, 0.3357



16.6746, 0.3186, 0.3129



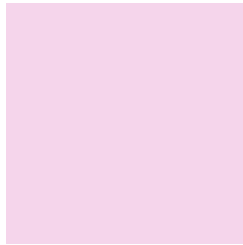
12.0095, 0.4199, 0.2087



1.0740, 0.4044, 0.2001

Previews

White Background



This preview shows how the Yxy color 72.9991, 0.3211, 0.3066 looks on a white background.

Color Contrast Check

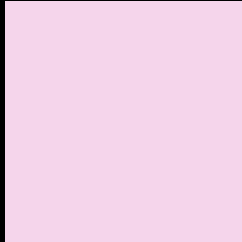
Large Text (above 18pt) WCAG AA × Fail

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 72.9991, 0.3211, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

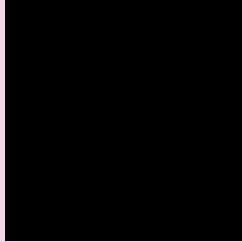
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9991, 0.3211, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 72.9991, 0.3211, 0.3066.



This preview shows how white text looks on a background with the Yxy color 72.9991, 0.3211, 0.3066.

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

72.9991, 0.3211, 0.3066

Protanopia

73.3763, 0.3005, 0.3088

Deuteranopia

73.2294, 0.3165, 0.3104



Tritanopia

73.0394, 0.3237, 0.3126

Trichromacy



Original Color

72.9991, 0.3211, 0.3066

Protanomaly

73.1388, 0.3080, 0.3080

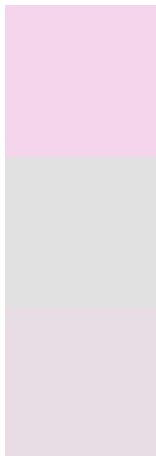
Deuteranomaly

73.2422, 0.3187, 0.3095

Tritanomaly

73.1524, 0.3223, 0.3106

Monochromacy



Original Color

72.9991, 0.3211, 0.3066

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5259, 0.3152, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9991, 0.3211, 0.3066 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(245, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 213, 235)  
}
```

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(245, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 235) }
```

Border

The CSS property to change the border of an element to Yxy 72.9991, 0.3211, 0.3066 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(245, 213, 235) }
```

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

```
.border{ border-color:rgb(245, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9991, 0.3211, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 213, 235) }
```

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

```
.background{ background-color: rgb(245,  
213, 235) }
```

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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