

Converting Colors

$Y_{xy}(72.8712, 0.3190, 0.2929)$

Have a look what the booklet for
Yxy(72.8712, 0.3190, 0.2929)
contains.

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Color

Yxy(72.8889, 0.3195, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	FCD1F5
RGB	252, 209, 245
RGB Percent	99%, 82%, 96%
CMY	0.0118, 0.1804, 0.0391
CMYK	0.00, 0.17, 0.03, 0.01
HSL	310°, 88%, 90%
HSV	310°, 17%, 99%
XYZ	79.4270, 72.8889, 96.2820
YIQ	225.9610, 14.0720, 20.3120

Conversions

Conversions Part 2

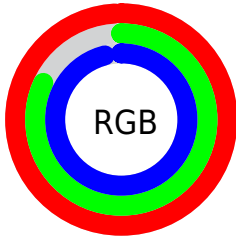
Format	Color
R_{YB}	252, 209, 245
Decimal	16568821
CIE _{Lab}	88.39, 20.98, -11.98
CIE _{LCh}	88, 24.156, 330.280
Yxy	72.8889, 0.3195, 0.2932
Android (android.graphics.Color)	4294758901 (0xFFFC _{D1F5})
YUV	225.9610, 9.3862, 22.8362
Hunter-Lab	85.3750, 16.6579, -7.1020

Details

The Yxy color $72.8889, 0.3195, 0.2932$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.1309, 0.3066, 0.3676$, and the grayscale version is $75.9491, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.3874, 0.3206, 0.2845$ is the 20% darker color. If you saturate the color by 10%, you get $61.2417, 0.3242, 0.2716$, and if you desaturate by 10%, it is $86.5036, 0.3153, 0.3145$.

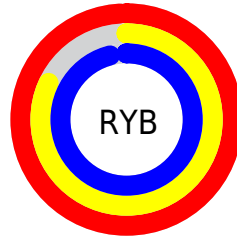
Distribution



Red (99%)

Green (82%)

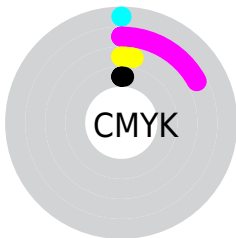
Blue (96%)



Red (99%)

Yellow (82%)

Blue (96%)

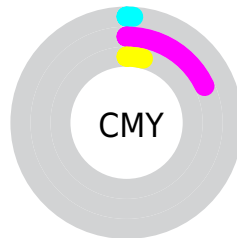


Cyan (0%)

Magenta (17%)

Yellow (3%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8889, 0.3195, 0.2932 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 72.8889, 0.3195, 0.2932 by changing the saturation by 10% instead.

 72.8889, 0.3195,
0.2932

 72.8889, 0.3195,
0.2932

470.6297, 0.3166,
0.3093

 53.8851, 0.3201,
0.2896


123.3195, 0.3185,
0.2987

 38.5098, 0.3209,
0.2853


155.5151, 0.3181,
0.3008

 26.3786, 0.3217,
0.2799


192.8767, 0.3178,
0.3027

 17.1071, 0.3229,
0.2730

235.7888, 0.3175,
0.3043

 10.3109, 0.3243,
0.2638

284.6358, 0.3172,
0.3058

 5.6056, 0.3261,
0.2511

339.8020, 0.3170,

 2.6068, 0.3284,

0.3071

0.2323

401.6718, 0.3168,
0.3082

0.9301, 0.3314,
0.2021

0.0000, 0.3477,
0.0000

72.8889, 0.3195,
0.2932

72.8889, 0.3195,
0.2932

61.2417, 0.3242,
0.2716

86.5036, 0.3153,
0.3145

51.4608, 0.3295,
0.2503

99.3190, 0.3119,
0.3307

43.4502, 0.3353,
0.2303

99.4345, 0.3109,
0.3290

37.1016, 0.3414,
0.2125

■ 32.2950, 0.3478,
0.1978

■ 28.8940, 0.3541,
0.1873

■ 26.7386, 0.3603,
0.1813

■ 25.6239, 0.3661,
0.1799

■ 25.4024, 0.3677,
0.1799

Harmonies

Analogous

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



72.8889, 0.2907, 0.2823



72.8889, 0.3195, 0.2932



72.8889, 0.3476, 0.3126

Triad

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



72.8889, 0.3195, 0.2932



72.8889, 0.3575, 0.3765



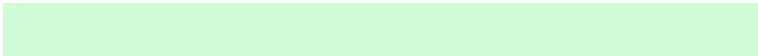
72.8889, 0.2617, 0.3175

Complementary

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



72.8889, 0.3195, 0.2932



88.1309, 0.3066, 0.3676

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.



72.8889, 0.2781, 0.3453



72.8889, 0.3195, 0.2932



72.8889, 0.3331, 0.3805

Square

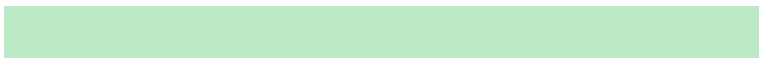
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



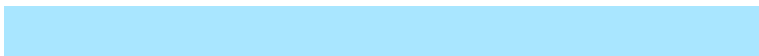
72.8889, 0.3195, 0.2932



72.8889, 0.3700, 0.3598



72.8889, 0.3040, 0.3691



72.8889, 0.2584, 0.2948

Rectangle

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



72.8889, 0.3195, 0.2932



72.8889, 0.3617, 0.3284



72.8889, 0.3040, 0.3691



72.8889, 0.2658, 0.3266

Sweetspot

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



72.8921, 0.3195, 0.2932



92.0006, 0.3145, 0.3188



67.1478, 0.2890, 0.2832



19.4604, 0.3148, 0.3173



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.



72.8921, 0.3195, 0.2932



71.1440, 0.3208, 0.2868



71.6831, 0.3344, 0.3138



17.4733, 0.3163, 0.3094



13.2516, 0.3668, 0.1794



1.2398, 0.3604, 0.1759

Inverse Universe

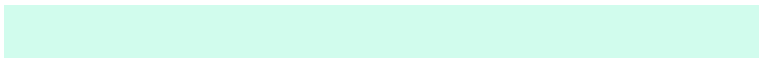
The Inverse Universe completely reimagines the original color for something new.



72.8921, 0.3195, 0.2932



71.1440, 0.3208, 0.2868



89.2854, 0.2950, 0.3448



17.4733, 0.3163, 0.3094



13.2516, 0.3668, 0.1794



1.2398, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 72.8889, 0.3195, 0.2932 looks on a white background.

Color Contrast Check

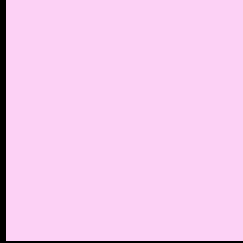
Large Text (above 18pt) WCAG AA × Fail

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 72.8889, 0.3195, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

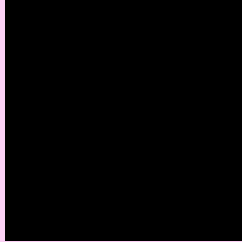
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8889, 0.3195, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 72.8889, 0.3195, 0.2932.

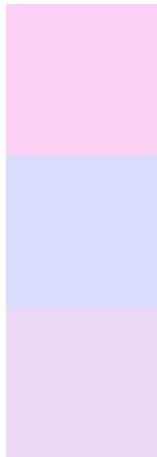


This preview shows how white text looks on a background with the Yxy color 72.8889, 0.3195, 0.2932.

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

72.8889, 0.3195, 0.2932

Protanopia

72.9664, 0.2904, 0.2952

Deuteranopia

73.1358, 0.3070, 0.3001



Tritanopia

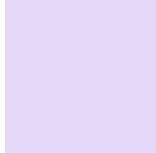
73.0124, 0.3298, 0.3128

Trichromacy



Original Color

72.8889, 0.3195, 0.2932



Protanomaly

72.7743, 0.3010, 0.2949



Deuteranomaly

72.8209, 0.3120, 0.2974



Tritanomaly

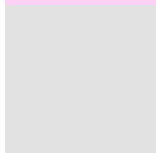
73.0383, 0.3263, 0.3059

Monochromacy



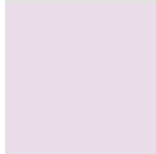
Original Color

72.8889, 0.3195, 0.2932



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

74.7318, 0.3148, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8889, 0.3195, 0.2932 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(252, 209, 245)` looks like.

```
.text, #text, p{  
    color:rgb(252, 209, 245)  
}
```

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(252, 209, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 209, 245) }
```

Border

The CSS property to change the border of an element to Yxy 72.8889, 0.3195, 0.2932 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(252, 209, 245) }
```

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

```
.border{ border-color:rgb(252, 209, 245) }
```

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

Here you see how a box with a 4 pixel rgb(252, 209, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 209, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 209, 245);  
box-shadow:4px 4px 4px 4px rgb(252, 209,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8889, 0.3195, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 209, 245) }
```

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

```
.background{ background-color: rgb(252,  
209, 245) }
```

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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