

Converting Colors

Yxy(72.9444, 0.3155, 0.2875)

Have a look what the booklet for
Yxy(72.9444, 0.3155, 0.2875)
contains.

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Color

Yxy(73.2614, 0.3154, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	FCD1FB
RGB	252, 209, 251
RGB Percent	99%, 82%, 98%
CMY	0.0116, 0.1804, 0.0156
CMYK	0.00, 0.17, 0.00, 0.01
HSL	301°, 88%, 90%
HSV	301°, 17%, 99%
XYZ	80.3709, 73.2614, 101.1899
YIQ	226.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

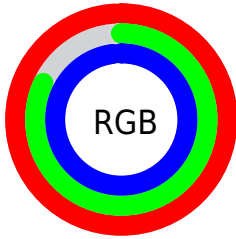
Format	Color
R _Y B	252, 209, 251
Decimal	16568827
CIE Lab	88.57, 22.07, -14.88
CIE LCh	89, 26.617, 326.018
Yxy	73.2614, 0.3154, 0.2875
Android (android.graphics.Color)	4294758907 (0xFFFC D1FB)
YUV	226.6450, 12.0070, 22.2363
Hunter-Lab	85.5929, 17.8224, -10.1790

Details

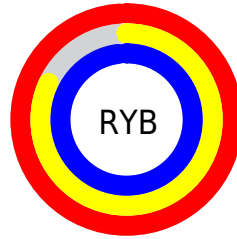
The Yxy color **73.2614, 0.3154, 0.2875** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.8527, 0.3100, 0.3743**, and the grayscale version is **76.4543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6083, 0.3160, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **61.8234, 0.3171, 0.2629**, and if you desaturate by 10%, it is **86.6622, 0.3138, 0.3120**.

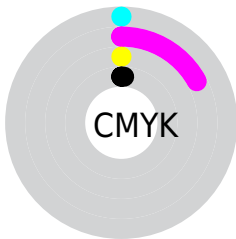
Distribution



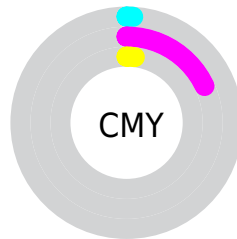
- Red (99%)
- Green (82%)
- Blue (98%)



- Red (99%)
- Yellow (82%)
- Blue (98%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2614, 0.3154, 0.2875 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 73.2614, 0.3154, 0.2875 by changing the saturation by 10% instead.

 73.2614, 0.3154,
0.2875

 73.2614, 0.3154,
0.2875


471.9203, 0.3144,
0.3060

 54.1897, 0.3156,
0.2834


123.8482, 0.3151,
0.2938

 38.7534, 0.3157,
0.2785


156.1322, 0.3150,
0.2963

 26.5679, 0.3159,
0.2723


193.5890, 0.3149,
0.2984

 17.2490, 0.3160,
0.2645

236.6031, 0.3148,
0.3003

 10.4122, 0.3161,
0.2541

285.5589, 0.3147,
0.3020

 5.6731, 0.3160,
0.2399


340.8408, 0.3146,


 2.6473, 0.3152,

0.3035


0.2192


402.8331, 0.3145,
0.3048

 0.9505, 0.3127,
0.1865


 0.0000, 0.3092,
0.0000


 73.2614, 0.3154,
0.2875

 73.2614, 0.3154,
0.2875


 61.8234, 0.3171,
0.2629

 86.6622, 0.3138,
0.3120

 52.2468, 0.3188,
0.2389

 99.2647, 0.3125,
0.3317

 44.4356, 0.3205,
0.2167

 99.3025, 0.3121,
0.3311

 38.2817, 0.3221,
0.1970

 99.3404, 0.3118,
0.3305

■ 33.6649, 0.3236,
0.1810

99.3785, 0.3115,
0.3300

■ 30.4487, 0.3249,
0.1690

99.4167, 0.3111,
0.3294

■ 28.4730, 0.3259,
0.1615

99.4429, 0.3109,
0.3290

■ 27.5326, 0.3268,
0.1581

■ 27.3622, 0.3270,
0.1575

Harmonies

Analogous

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



73.2614, 0.2844, 0.2771



73.2614, 0.3154, 0.2875



73.2614, 0.3471, 0.3076

Triad

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



73.2614, 0.3154, 0.2875



73.2614, 0.3648, 0.3792



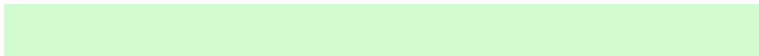
73.2614, 0.2586, 0.3204

Complementary

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



73.2614, 0.3154, 0.2875



87.8527, 0.3100, 0.3743

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.



73.2614, 0.2782, 0.3511



73.2614, 0.3154, 0.2875



73.2614, 0.3393, 0.3863

Square

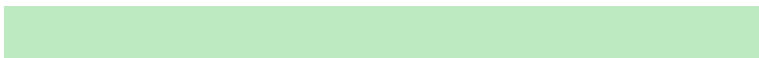
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2614, 0.3154, 0.2875



73.2614, 0.3764, 0.3592



73.2614, 0.3075, 0.3762



73.2614, 0.2528, 0.2942

Rectangle

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



73.2614, 0.3154, 0.2875



73.2614, 0.3639, 0.3244



73.2614, 0.3075, 0.3762



73.2614, 0.2637, 0.3306

Sweetspot

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



73.2646, 0.3154, 0.2875



92.1138, 0.3135, 0.3171



66.2845, 0.2851, 0.2826



19.4881, 0.3136, 0.3154



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.



73.2646, 0.3154, 0.2875



71.5884, 0.3159, 0.2803



71.9998, 0.3303, 0.3080



17.5171, 0.3142, 0.3062



14.2515, 0.3269, 0.1574



1.3221, 0.3261, 0.1570

Inverse Universe

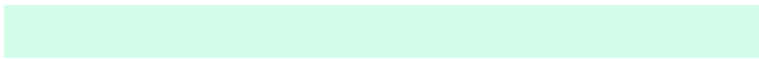
The Inverse Universe completely reimagines the original color for something new.



73.2646, 0.3154, 0.2875



71.5884, 0.3159, 0.2803



88.9819, 0.2981, 0.3510



17.5171, 0.3142, 0.3062



14.2515, 0.3269, 0.1574



1.3221, 0.3261, 0.1570

Previews

White Background



This preview shows how the Yxy color 73.2614, 0.3154, 0.2875 looks on a white background.

Color Contrast Check

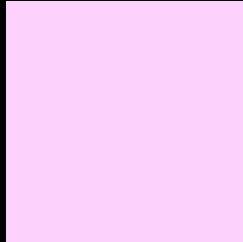
Large Text (above 18pt) WCAG AA × Fail

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 73.2614, 0.3154, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

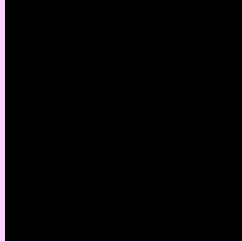
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2614, 0.3154, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 73.2614, 0.3154, 0.2875.



This preview shows how white text looks on a background with the Yxy color 73.2614, 0.3154, 0.2875.

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

73.2614, 0.3154, 0.2875

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

73.6836, 0.3017, 0.2951



Tritanopia

73.3854, 0.3282, 0.3128

Trichromacy



Original Color

73.2614, 0.3154, 0.2875

Protanomaly

73.4395, 0.2972, 0.2909

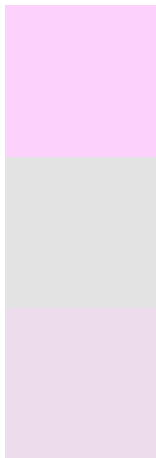
Deuteranomaly

73.3460, 0.3066, 0.2925

Tritanomaly

73.5254, 0.3234, 0.3039

Monochromacy



Original Color

73.2614, 0.3154, 0.2875

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.0754, 0.3135, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2614, 0.3154, 0.2875 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 209, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 209, 251) }
```

Border

The CSS property to change the border of an element to Yxy 73.2614, 0.3154, 0.2875 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, 251) }
```

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

```
.border{ border-color:rgb(252, 209, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 209, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 209, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 209,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2614, 0.3154, 0.2875 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, 251) }
```

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

```
.background{ background-color: rgb(252,  
209, 251) }
```

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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