

Converting Colors

$Yxy(72.2897, 0.3144, 0.2994)$

Have a look what the booklet for
Yxy(72.2897, 0.3144, 0.2994)
contains.

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Color

Yxy(72.3151, 0.3148, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	F2D4F1
RGB	242, 212, 241
RGB Percent	95%, 83%, 95%
CMY	0.0511, 0.1686, 0.0548
CMYK	0.00, 0.12, 0.00, 0.05
HSL	302°, 54%, 89%
HSV	302°, 12%, 95%
XYZ	76.0347, 72.3151, 93.1836
YIQ	224.2760, 8.5710, 15.3790

Conversions

Conversions Part 2

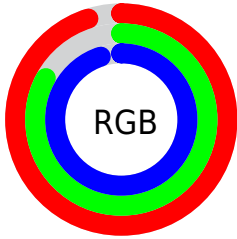
Format	Color
R _Y B	242, 212, 241
Decimal	15914225
CIE Lab	88.12, 15.36, -10.37
CIE LCh	88, 18.531, 325.982
Yxy	72.3151, 0.3148, 0.2994
Android (android.graphics.Color)	4294104305 (0xFFFF2D4F1)
YUV	224.2760, 8.2449, 15.5439
Hunter-Lab	85.0383, 10.7840, -5.4422

Details

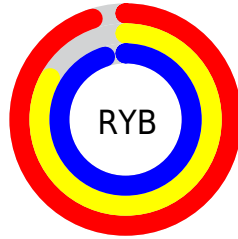
The Yxy color $72.3151, 0.3148, 0.2994$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $82.2926, 0.3106, 0.3605$, and the grayscale version is $74.6851, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.0558, 0.3154, 0.2923$ is the 20% darker color. If you saturate the color by 10%, you get $61.0662, 0.3166, 0.2750$, and if you desaturate by 10%, it is $85.3834, 0.3131, 0.3234$.

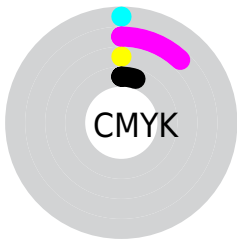
Distribution



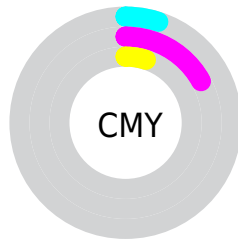
- Red (95%)
- Green (83%)
- Blue (95%)



- Red (95%)
- Yellow (83%)
- Blue (95%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3151, 0.3148, 0.2994 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 72.3151, 0.3148, 0.2994 by changing the saturation by 10% instead.


 72.3151, 0.3148,
0.2994

 72.3151, 0.3148,
0.2994


468.6376, 0.3140,
0.3128

 53.4161, 0.3150,
0.2964


122.5044, 0.3145,
0.3040

 38.1351, 0.3151,
0.2928


154.5635, 0.3144,
0.3058

 26.0875, 0.3153,
0.2882


191.7782, 0.3143,
0.3074

 16.8891, 0.3156,
0.2823

234.5327, 0.3143,
0.3087

 10.1555, 0.3158,
0.2744

283.2115, 0.3142,
0.3099

 5.5022, 0.3160,
0.2633

338.1990, 0.3141,

 2.5448, 0.3160,

0.3110

0.2468

399.8796, 0.3140,
0.3119

0.8990, 0.3151,
0.2193

0.0000, 0.2623,
0.0000

72.3151, 0.3148,
0.2994

72.3151, 0.3148,
0.2994

61.0662, 0.3166,
0.2750

85.3834, 0.3131,
0.3234

51.5469, 0.3185,
0.2508


96.8383, 0.3118,
0.3412


43.6740, 0.3204,
0.2278

96.8851, 0.3113,
0.3404

37.3536, 0.3223,
0.2069


96.9321, 0.3109,
0.3397

 32.4824, 0.3242,
0.1892


 96.9793, 0.3104,
0.3389


 28.9447, 0.3258,
0.1753

 97.0267, 0.3100,
0.3381


 26.6069, 0.3272,
0.1657

 97.0742, 0.3096,
0.3374

 25.3080, 0.3284,
0.1605

 97.1220, 0.3091,
0.3366

 24.8273, 0.3292,
0.1587

 97.1700, 0.3087,
0.3358

Harmonies

Analogous

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



72.3151, 0.2929, 0.2921



72.3151, 0.3148, 0.2994



72.3151, 0.3368, 0.3139

Triad

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



72.3151, 0.3148, 0.2994



72.3151, 0.3493, 0.3643



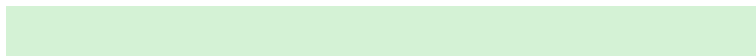
72.3151, 0.2744, 0.3234

Complementary

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



72.3151, 0.3148, 0.2994



82.2926, 0.3106, 0.3605

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.



72.3151, 0.2886, 0.3445



72.3151, 0.3148, 0.2994



72.3151, 0.3317, 0.3686

Square

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



72.3151, 0.3148, 0.2994



72.3151, 0.3571, 0.3508



72.3151, 0.3094, 0.3614



72.3151, 0.2702, 0.3050

Rectangle

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



72.3151, 0.3148, 0.2994



72.3151, 0.3483, 0.3261



72.3151, 0.3094, 0.3614



72.3151, 0.2782, 0.3305

Sweetspot

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



72.3182, 0.3148, 0.2994



93.6429, 0.3134, 0.3196



67.5755, 0.2933, 0.2964



19.7957, 0.3135, 0.3178



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.



72.3182, 0.3148, 0.2994



77.8983, 0.3153, 0.2929



71.4845, 0.3249, 0.3140



16.0222, 0.3143, 0.3065



13.3443, 0.3291, 0.1586



1.1128, 0.3279, 0.1580

Inverse Universe

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



72.3182, 0.3148, 0.2994



77.8983, 0.3153, 0.2929



83.0634, 0.3021, 0.3445



16.0222, 0.3143, 0.3065



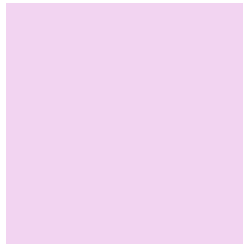
13.3443, 0.3291, 0.1586



1.1128, 0.3279, 0.1580

Previews

White Background



This preview shows how the Yxy color 72.3151, 0.3148, 0.2994 looks on a white background.

Color Contrast Check

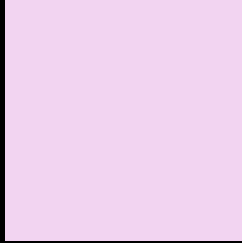
Large Text (above 18pt) WCAG AA × Fail

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 72.3151, 0.3148, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

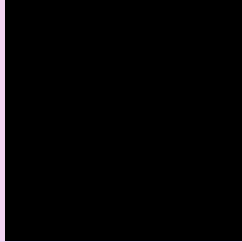
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3151, 0.3148, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 72.3151, 0.3148, 0.2994.



This preview shows how white text looks on a background with the Yxy color 72.3151, 0.3148, 0.2994.

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

72.3151, 0.3148, 0.2994

Protanopia

72.7456, 0.2947, 0.3014

Deuteranopia

72.3846, 0.3096, 0.3030



Tritanopia

72.3879, 0.3201, 0.3114

Trichromacy



Original Color

72.3151, 0.3148, 0.2994

Protanomaly

72.4883, 0.3021, 0.3007

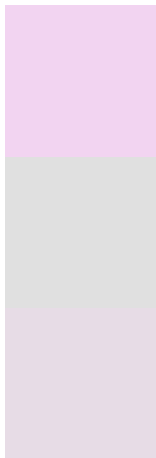
Deuteranomaly

72.3889, 0.3118, 0.3022

Tritanomaly

72.2874, 0.3181, 0.3064

Monochromacy



Original Color

72.3151, 0.3148, 0.2994

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8885, 0.3139, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3151, 0.3148, 0.2994 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(242, 212, 241)` looks like.

```
.text, #text, p{  
    color:rgb(242, 212, 241)  
}
```

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(242, 212, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 241) }
```

Border

The CSS property to change the border of an element to Yxy 72.3151, 0.3148, 0.2994 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(242, 212, 241) }
```

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

```
.border{ border-color:rgb(242, 212, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 212, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3151, 0.3148, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 241) }
```

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

```
.background{ background-color: rgb(242,  
212, 241) }
```

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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