

Converting Colors

$Y_{xy}(84.3774, 0.3640, 0.2995)$

Have a look what the booklet for
Yxy(84.3774, 0.3640, 0.2995)
contains.

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Color

Yxy(72.7826, 0.3239, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0F2
RGB	255, 208, 242
RGB Percent	100%, 82%, 95%
CMY	0.0000, 0.1843, 0.0509
CMYK	0.00, 0.18, 0.05, 0.00
HSL	317°, 100%, 91%
HSV	317°, 18%, 100%
XYZ	79.8316, 72.7826, 93.8558
YIQ	225.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

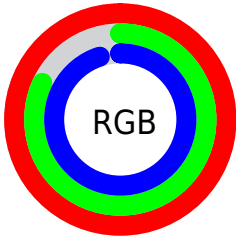
Format	Color
R _Y B	255, 208, 242
Decimal	16765170
CIE Lab	88.34, 22.00, -10.44
CIE LCh	88, 24.346, 334.616
Yxy	72.7826, 0.3239, 0.2953
Android (android.graphics.Color)	4294955250 (0xFFFFD0F2)
YUV	225.9290, 7.9230, 25.4953
Hunter-Lab	85.3127, 17.7347, -5.5083

Details

The Yxy color $72.7826, 0.3239, 0.2953$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.1484, 0.3031, 0.3652$, and the grayscale version is $75.9294, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.3334, 0.3263, 0.2873$ is the 20% darker color. If you saturate the color by 10%, you get $60.9151, 0.3314, 0.2763$, and if you desaturate by 10%, it is $86.6613, 0.3174, 0.3139$.

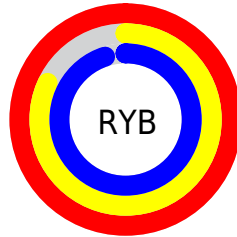
Distribution



Red (100%)

Green (82%)

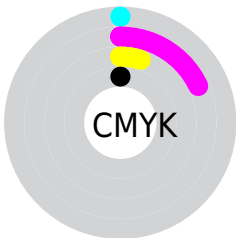
Blue (95%)



Red (100%)

Yellow (82%)

Blue (95%)

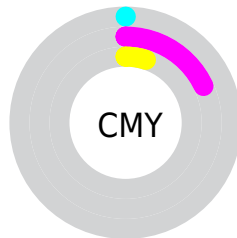


Cyan (0%)

Magenta (18%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7826, 0.3239, 0.2953 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 72.7826, 0.3239, 0.2953 by changing the saturation by 10% instead.


 72.7826, 0.3239,
0.2953

 72.7826, 0.3239,
0.2953

470.2610, 0.3189,
0.3105

 53.7982, 0.3250,
0.2919

123.1685, 0.3222,
0.3005

 38.4404, 0.3263,
0.2878


155.3389, 0.3216,
0.3025

 26.3246, 0.3279,
0.2827


192.6733, 0.3210,
0.3043

 17.0667, 0.3300,
0.2762

235.5563, 0.3205,
0.3058

 10.2820, 0.3328,
0.2675

284.3721, 0.3200,
0.3072

 5.5864, 0.3365,
0.2554

339.5053, 0.3196,

 2.5952, 0.3419,

0.3084

0.2374

401.3401, 0.3193,
0.3095

0.9243, 0.3503,
0.2082

0.0000, 0.4063,
0.0000

72.7826, 0.3239,
0.2953

72.7826, 0.3239,
0.2953

60.9151, 0.3314,
0.2763

86.6613, 0.3174,
0.3139

50.9693, 0.3400,
0.2576

100.0000, 0.3127,
0.3290

42.8398, 0.3497,
0.2399

36.4136, 0.3603,
0.2243

■ 31.5648, 0.3716,
0.2118

■ 28.1502, 0.3833,
0.2036

■ 26.0002, 0.3949,
0.2002

■ 24.8774, 0.4060,
0.2016

■ 24.7441, 0.4078,
0.2020

Harmonies

Analogous

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



72.7826, 0.2944, 0.2828



72.7826, 0.3239, 0.2953



72.7826, 0.3514, 0.3158

Triad

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



72.7826, 0.3239, 0.2953



72.7826, 0.3549, 0.3783



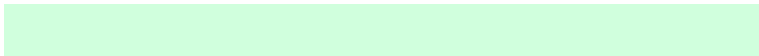
72.7826, 0.2600, 0.3136

Complementary

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



72.7826, 0.3239, 0.2953



90.1484, 0.3031, 0.3652

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.



72.7826, 0.2747, 0.3413



72.7826, 0.3239, 0.2953



72.7826, 0.3291, 0.3803

Square

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



72.7826, 0.3239, 0.2953



72.7826, 0.3696, 0.3630



72.7826, 0.2998, 0.3666



72.7826, 0.2586, 0.2920

Rectangle

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



72.7826, 0.3239, 0.2953



72.7826, 0.3644, 0.3319



72.7826, 0.2998, 0.3666



72.7826, 0.2635, 0.3225

Sweetspot

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



72.7806, 0.3239, 0.2953



90.3544, 0.3160, 0.3183



67.6272, 0.2906, 0.2796



19.1248, 0.3164, 0.3172



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.



72.7806, 0.3239, 0.2953



68.3226, 0.3264, 0.2885



71.4814, 0.3406, 0.3180



18.2097, 0.3181, 0.3120



12.9559, 0.4060, 0.2010



1.2800, 0.3940, 0.1944

Inverse Universe

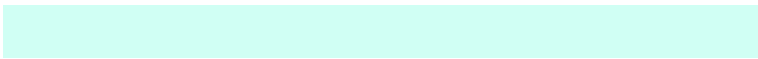
The Inverse Universe completely reimagines the original color for something new.



72.7806, 0.3239, 0.2953



68.3226, 0.3264, 0.2885



91.4626, 0.2907, 0.3404



18.2097, 0.3181, 0.3120



12.9559, 0.4060, 0.2010



1.2800, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 72.7826, 0.3239, 0.2953 looks on a white background.

Color Contrast Check

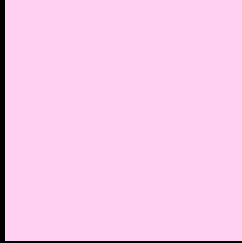
Large Text (above 18pt) WCAG AA × Fail

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 72.7826, 0.3239, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

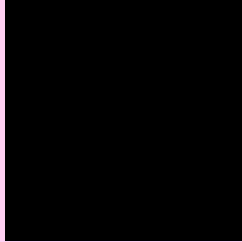
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7826, 0.3239, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 72.7826, 0.3239, 0.2953.

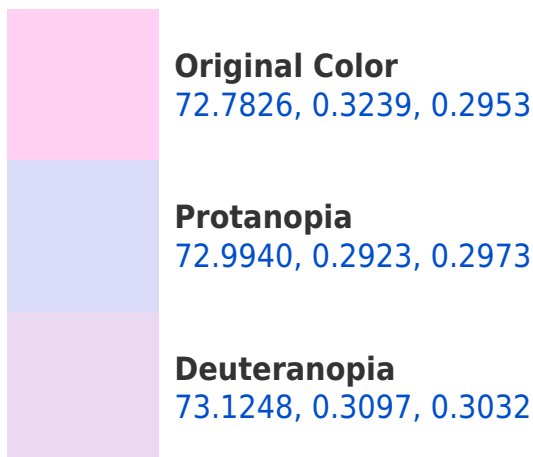


This preview shows how white text looks on a background with the Yxy color 72.7826, 0.3239, 0.2953.

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





Tritanopia

73.0172, 0.3328, 0.3129

Trichromacy



Original Color

72.7826, 0.3239, 0.2953

Protanomaly

72.8161, 0.3030, 0.2969

Deuteranomaly

72.8166, 0.3148, 0.3004

Tritanomaly

72.9902, 0.3301, 0.3070

Monochromacy



Original Color

72.7826, 0.3239, 0.2953

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.4938, 0.3169, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7826, 0.3239, 0.2953 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(255, 208, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 242)  
}
```

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(255, 208, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 242) }
```

Border

The CSS property to change the border of an element to Yxy 72.7826, 0.3239, 0.2953 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(255, 208, 242) }
```

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

```
.border{ border-color:rgb(255, 208, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7826, 0.3239, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 242) }
```

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

```
.background{ background-color: rgb(255,  
208, 242) }
```

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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