

Converting Colors

$Y_{xy}(71.8151, 0.3272, 0.2981)$

Have a look what the booklet for
Yxy(71.8151, 0.3272, 0.2981)
contains.

Yxy(72.0587, 0.3268, 0.2982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(72.0587, 0.3268, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFEE
RGB	255, 207, 238
RGB Percent	100%, 81%, 93%
CMY	0.0002, 0.1881, 0.0668
CMYK	0.00, 0.19, 0.07, 0.00
HSL	321°, 100%, 91%
HSV	321°, 19%, 100%
XYZ	78.9698, 72.0587, 90.6171
YIQ	224.8860, 18.6570, 19.8170

Conversions

Conversions Part 2

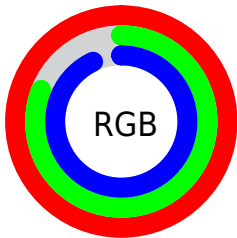
Format	Color
R_{YB}	255, 207, 238
Decimal	16764910
CIE Lab	88.00, 21.79, -8.82
CIE LCh	88, 23.505, 337.961
Yxy	72.0587, 0.3268, 0.2982
Android (android.graphics.Color)	4294954990 (0xFFFFCFEE)
YUV	224.8860, 6.4652, 26.4100
Hunter-Lab	84.8874, 17.5035, -3.8707

Details

The Yxy color **72.0587, 0.3268, 0.2982** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.1421, 0.3009, 0.3619**, and the grayscale version is **75.1505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8396, 0.3302, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **60.1699, 0.3363, 0.2811**, and if you desaturate by 10%, it is **85.9752, 0.3187, 0.3149**.

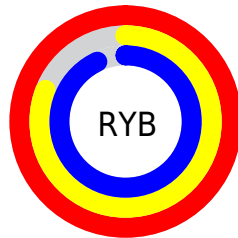
Distribution



Red (100%)

Green (81%)

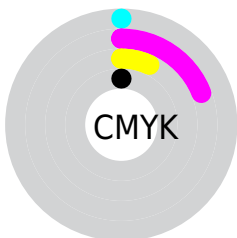
Blue (93%)



Red (100%)

Yellow (81%)

Blue (93%)

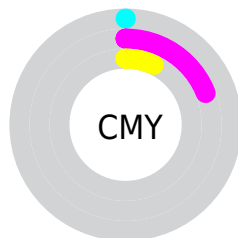


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0587, 0.3268, 0.2982 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 72.0587, 0.3268, 0.2982 by changing the saturation by 10% instead.

 72.0587, 0.3268,
0.2982

 72.0587, 0.3268,
0.2982

467.7459, 0.3205,
0.3121

 53.2066, 0.3282,
0.2951


122.1400, 0.3246,
0.3030

 37.9677, 0.3299,
0.2913

154.1380, 0.3238,
0.3048

 25.9577, 0.3321,
0.2866


191.2868, 0.3230,
0.3065

 16.7920, 0.3349,
0.2805

233.9707, 0.3224,
0.3079

 10.0863, 0.3386,
0.2724

282.5742, 0.3218,
0.3091

 5.4562, 0.3438,
0.2610

337.4816, 0.3213,

 2.5173, 0.3515,

0.3102

0.2440

399.0774, 0.3209,
0.3112

0.8853, 0.3642,
0.2160

0.0000, 0.4612,
0.0000

72.0587, 0.3268,
0.2982

72.0587, 0.3268,
0.2982

60.1699, 0.3363,
0.2811

85.9752, 0.3187,
0.3149

50.2033, 0.3473,
0.2641

99.9913, 0.3127,
0.3290

42.0582, 0.3599,
0.2481

35.6211, 0.3740,
0.2340

■ 30.7653, 0.3892,
0.2231

■ 27.3467, 0.4051,
0.2165

■ 25.1943, 0.4210,
0.2149

■ 24.0611, 0.4365,
0.2183

■ 23.9550, 0.4384,
0.2188

Harmonies

Analogous

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



72.0587, 0.2980, 0.2851



72.0587, 0.3268, 0.2982



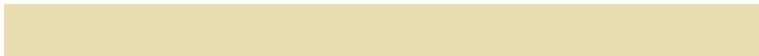
72.0587, 0.3527, 0.3188

Triad

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



72.0587, 0.3268, 0.2982



72.0587, 0.3513, 0.3777



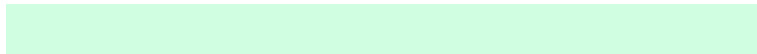
72.0587, 0.2608, 0.3114

Complementary

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



72.0587, 0.3268, 0.2982



90.1421, 0.3009, 0.3619

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.



72.0587, 0.2737, 0.3379



72.0587, 0.3268, 0.2982



72.0587, 0.3255, 0.3779

Square

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



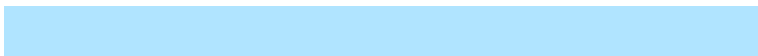
72.0587, 0.3268, 0.2982



72.0587, 0.3670, 0.3642



72.0587, 0.2972, 0.3631



72.0587, 0.2610, 0.2914

Rectangle

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



72.0587, 0.3268, 0.2982



72.0587, 0.3643, 0.3346



72.0587, 0.2972, 0.3631



72.0587, 0.2637, 0.3198

Sweetspot

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



72.0619, 0.3268, 0.2982



90.2795, 0.3167, 0.3195



67.6715, 0.2928, 0.2789



19.1070, 0.3172, 0.3184



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.



72.0619, 0.3268, 0.2982



66.8514, 0.3306, 0.2910



70.7563, 0.3443, 0.3218



18.1847, 0.3193, 0.3138



12.5516, 0.4359, 0.2175



1.2429, 0.4193, 0.2083

Inverse Universe

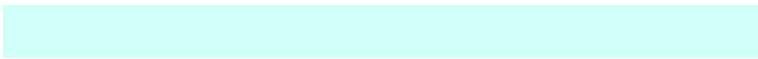
The Inverse Universe completely reimagines the original color for something new.



72.0619, 0.3268, 0.2982



66.8514, 0.3306, 0.2910



91.5228, 0.2881, 0.3364



18.1847, 0.3193, 0.3138



12.5516, 0.4359, 0.2175



1.2429, 0.4193, 0.2083

Previews

White Background



This preview shows how the Yxy color 72.0587, 0.3268, 0.2982 looks on a white background.

Color Contrast Check

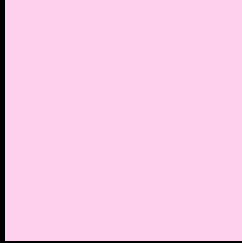
Large Text (above 18pt) WCAG AA × Fail

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 72.0587, 0.3268, 0.2982 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 72.0587, 0.3268, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 72.0587, 0.3268, 0.2982.



This preview shows how white text looks on a background with the Yxy color 72.0587, 0.3268, 0.2982.

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

72.0587, 0.3268, 0.2982

Protanopia

72.2223, 0.2947, 0.3003

Deuteranopia

72.3775, 0.3124, 0.3061



Tritanopia

71.9198, 0.3345, 0.3129

Trichromacy



Original Color

72.0587, 0.3268, 0.2982

Protanomaly

72.0609, 0.3056, 0.2998

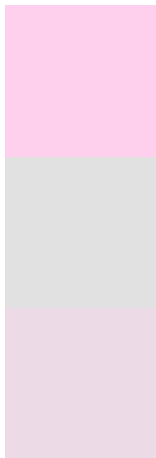
Deuteranomaly

72.0786, 0.3176, 0.3034

Tritanomaly

71.8958, 0.3317, 0.3069

Monochromacy



Original Color

72.0587, 0.3268, 0.2982

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.6888, 0.3176, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0587, 0.3268, 0.2982 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, 207, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 238)  
}
```

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, 207, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 238) }
```

Border

The CSS property to change the border of an element to Yxy 72.0587, 0.3268, 0.2982 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, 207, 238) }
```

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

```
.border{ border-color:rgb(255, 207, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0587, 0.3268, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 238) }
```

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

```
.background{ background-color: rgb(255,  
207, 238) }
```

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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