

Converting Colors

$Y_{xy}(115.2722, 0.4310, 0.3131)$

Have a look what the booklet for
Yxy(115.2722, 0.4310, 0.3131)
contains.

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Color

Yxy(74.9629, 0.3270, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5ED
RGB	255, 213, 237
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1647, 0.0707
CMYK	0.00, 0.16, 0.07, 0.00
HSL	326°, 100%, 92%
HSV	326°, 16%, 100%
XYZ	80.3174, 74.9629, 90.3386
YIQ	228.2940, 17.3280, 16.3680

Conversions

Conversions Part 2

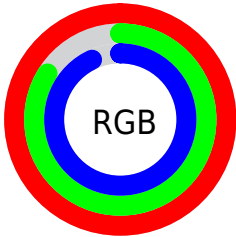
Format	Color
R _Y B	255, 213, 237
Decimal	16766445
CIE Lab	89.38, 18.50, -6.25
CIE LCh	89, 19.531, 341.336
Yxy	74.9629, 0.3270, 0.3052
Android (android.graphics.Color)	4294956525 (0xFFFFD5ED)
YUV	228.2940, 4.2921, 23.4212
Hunter-Lab	86.5811, 14.0694, -1.2563

Details

The Yxy color $74.9629, 0.3270, 0.3052$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.4387, 0.3006, 0.3541$, and the grayscale version is $77.7691, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.7957, 0.3304, 0.2998$ is the 20% darker color. If you saturate the color by 10%, you get $62.5097, 0.3380, 0.2900$, and if you desaturate by 10%, it is $89.4783, 0.3178, 0.3199$.

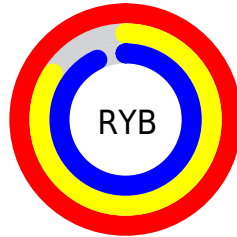
Distribution



Red (100%)

Green (84%)

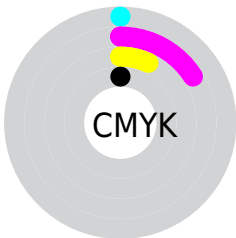
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

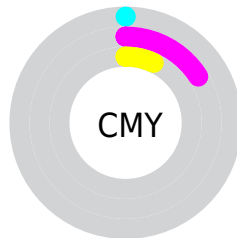


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9629, 0.3270, 0.3052 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 74.9629, 0.3270, 0.3052 by changing the saturation by 10% instead.


 74.9629, 0.3270,
0.3052

 74.9629, 0.3270,
0.3052

477.7900, 0.3205,
0.3159

 55.5825, 0.3284,
0.3028

126.2598, 0.3248,
0.3089

 39.8683, 0.3302,
0.2999


158.9452, 0.3239,
0.3103

 27.4359, 0.3324,
0.2962


196.8343, 0.3232,
0.3116

 17.9008, 0.3353,
0.2915

240.3115, 0.3225,
0.3127

 10.8788, 0.3392,
0.2852

289.7613, 0.3219,
0.3136

 5.9854, 0.3446,
0.2764

345.5681, 0.3214,

 2.8362, 0.3528,

0.3145

0.2632

408.1162, 0.3209,
0.3153

■ 1.0468, 0.3665,
0.2413

■ 0.0000, 0.5163,
0.0000

■ 74.9629, 0.3270,
0.3052

■ 74.9629, 0.3270,
0.3052

■ 62.5097, 0.3380,
0.2900

■ 89.4783, 0.3178,
0.3199

■ 52.0146, 0.3509,
0.2747

100.0000, 0.3127,
0.3290

■ 43.3785, 0.3659,
0.2601

■ 36.4900, 0.3830,
0.2471

■ 31.2254, 0.4020,
0.2368

■ 27.4448, 0.4221,
0.2306

■ 24.9843, 0.4427,
0.2294

■ 23.6390, 0.4627,
0.2337

■ 23.3215, 0.4696,
0.2361

Harmonies

Analogous

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



74.9629, 0.3033, 0.2934



74.9629, 0.3270, 0.3052



74.9629, 0.3474, 0.3229

Triad

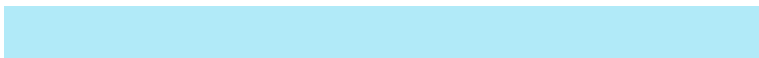
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9629, 0.3270, 0.3052



74.9629, 0.3424, 0.3695



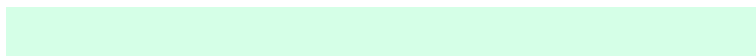
74.9629, 0.2693, 0.3126

Complementary

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



74.9629, 0.3270, 0.3052



91.4387, 0.3006, 0.3541

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.



74.9629, 0.2789, 0.3339



74.9629, 0.3270, 0.3052



74.9629, 0.3208, 0.3680

Square

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



74.9629, 0.3270, 0.3052



74.9629, 0.3563, 0.3598



74.9629, 0.2976, 0.3547



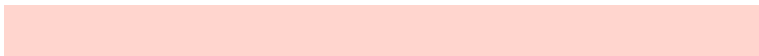
74.9629, 0.2707, 0.2969

Rectangle

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



74.9629, 0.3270, 0.3052



74.9629, 0.3560, 0.3361



74.9629, 0.2976, 0.3547



74.9629, 0.2713, 0.3193

Sweetspot

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



74.9661, 0.3270, 0.3052



91.7857, 0.3166, 0.3220



71.7196, 0.2975, 0.2859



19.4081, 0.3172, 0.3210



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.



74.9661, 0.3270, 0.3052



70.3353, 0.3307, 0.2999



73.8371, 0.3417, 0.3255



18.1609, 0.3204, 0.3155



12.2165, 0.4665, 0.2344



1.2114, 0.4453, 0.2227

Inverse Universe

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



74.9661, 0.3270, 0.3052



70.3353, 0.3307, 0.2999



92.6641, 0.2896, 0.3325



18.1609, 0.3204, 0.3155



12.2165, 0.4665, 0.2344



1.2114, 0.4453, 0.2227

Previews

White Background



This preview shows how the Yxy color 74.9629, 0.3270, 0.3052 looks on a white background.

Color Contrast Check

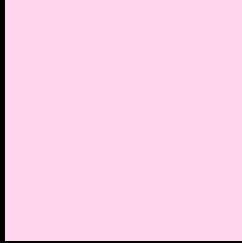
Large Text (above 18pt) WCAG AA × Fail

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 74.9629, 0.3270, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

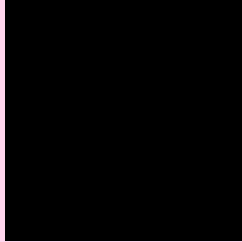
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9629, 0.3270, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 74.9629, 0.3270, 0.3052.



This preview shows how white text looks on a background with the Yxy color 74.9629, 0.3270, 0.3052.

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

74.9629, 0.3270, 0.3052

Protanopia

74.9344, 0.3000, 0.3079

Deuteranopia

75.0762, 0.3179, 0.3106



Tritanopia

74.9335, 0.3304, 0.3120

Trichromacy



Original Color

74.9629, 0.3270, 0.3052

Protanomaly

74.6761, 0.3096, 0.3063

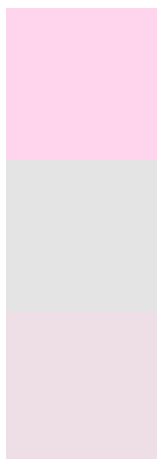
Deuteranomaly

74.9420, 0.3216, 0.3088

Tritanomaly

75.0472, 0.3290, 0.3100

Monochromacy



Original Color

74.9629, 0.3270, 0.3052

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7220, 0.3180, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9629, 0.3270, 0.3052 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, 213, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 237)  
}
```

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, 213, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 237) }
```

Border

The CSS property to change the border of an element to Yxy 74.9629, 0.3270, 0.3052 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, 213, 237) }
```

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

```
.border{ border-color:rgb(255, 213, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9629, 0.3270, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 237) }
```

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

```
.background{ background-color: rgb(255,  
213, 237) }
```

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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