

Converting Colors

$Y_{xy}(100.0000, 0.3900, 0.3015)$

Have a look what the booklet for
Yxy(100.0000, 0.3900, 0.3015)
contains.

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Color

Yxy(75.6881, 0.3187, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5F9
RGB	255, 213, 249
RGB Percent	100%, 84%, 98%
CMY	0.0000, 0.1647, 0.0236
CMYK	0.00, 0.16, 0.02, 0.00
HSL	309°, 100%, 92%
HSV	309°, 16%, 100%
XYZ	82.1307, 75.6881, 99.8866
YIQ	229.6620, 13.4760, 20.1000

Conversions

Conversions Part 2

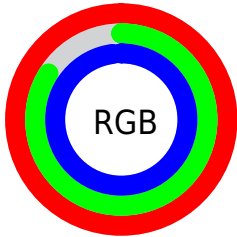
Format	Color
R _{YB}	255, 213, 249
Decimal	16766457
CIE _{Lab}	89.71, 20.57, -12.07
CIE _{LCh}	90, 23.852, 329.609
Yxy	75.6881, 0.3187, 0.2937
Android (android.graphics.Color)	4294956537 (0xFFFFD5F9)
YUV	229.6620, 9.5336, 22.2214
Hunter-Lab	86.9989, 16.2636, -7.1738

Details

The Yxy color $75.6881, 0.3187, 0.2937$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.7833, 0.3073, 0.3671$, and the grayscale version is $78.7900, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3097, 0.3195, 0.2853$ is the 20% darker color. If you saturate the color by 10%, you get $63.6292, 0.3230, 0.2717$, and if you desaturate by 10%, it is $89.7742, 0.3149, 0.3154$.

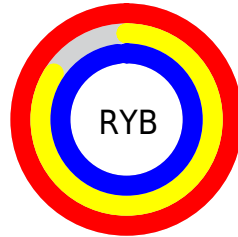
Distribution



Red (100%)

Green (84%)

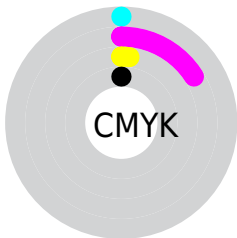
Blue (98%)



Red (100%)

Yellow (84%)

Blue (98%)

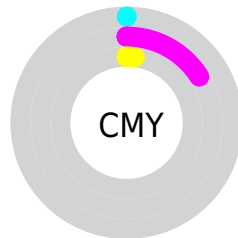


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6881, 0.3187, 0.2937 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 75.6881, 0.3187, 0.2937 by changing the saturation by 10% instead.

 75.6881, 0.3187,
0.2937

 75.6881, 0.3187,
0.2937


480.2793, 0.3162,
0.3094

 56.1768, 0.3192,
0.2902


127.2859, 0.3179,
0.2991

 40.3447, 0.3199,
0.2860


160.1412, 0.3175,
0.3012

 27.8074, 0.3206,
0.2808


198.2133, 0.3172,
0.3030

 18.1805, 0.3215,
0.2741

241.8866, 0.3170,
0.3046

 11.0797, 0.3227,
0.2653

291.5454, 0.3167,
0.3060

 6.1204, 0.3242,
0.2532

347.5742, 0.3165,

 2.9185, 0.3260,

0.3073

0.2354

410.3574, 0.3163,
0.3084

■ 1.0893, 0.3283,
0.2072

■ 0.0000, 0.3685,
0.0000

■ 75.6881, 0.3187,
0.2937

■ 75.6881, 0.3187,
0.2937

■ 63.6292, 0.3230,
0.2717

■ 89.7742, 0.3149,
0.3154

■ 53.4947, 0.3277,
0.2500

100.0000, 0.3127,
0.3290

■ 45.1859, 0.3329,
0.2295

■ 38.5920, 0.3384,
0.2112

■ 33.5903, 0.3440,
0.1961

■ 30.0415, 0.3496,
0.1851

■ 27.7825, 0.3549,
0.1786

■ 26.6092, 0.3599,
0.1766

■ 26.3456, 0.3617,
0.1766

Harmonies

Analogous

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



75.6881, 0.2906, 0.2832



75.6881, 0.3187, 0.2937



75.6881, 0.3462, 0.3126

Triad

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



75.6881, 0.3187, 0.2937



75.6881, 0.3568, 0.3750



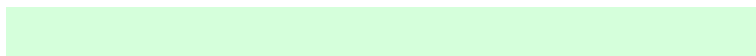
75.6881, 0.2632, 0.3184

Complementary

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



75.6881, 0.3187, 0.2937



90.7833, 0.3073, 0.3671

Split Complementary

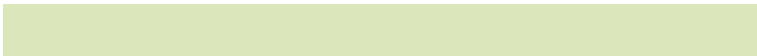
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6881, 0.2794, 0.3454



75.6881, 0.3187, 0.2937



75.6881, 0.3333, 0.3793

Square

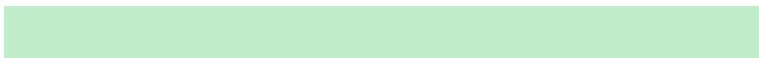
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



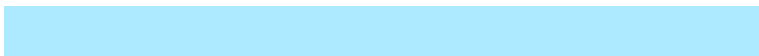
75.6881, 0.3187, 0.2937



75.6881, 0.3687, 0.3587



75.6881, 0.3049, 0.3685



75.6881, 0.2596, 0.2961

Rectangle

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



75.6881, 0.3187, 0.2937



75.6881, 0.3601, 0.3279



75.6881, 0.3049, 0.3685



75.6881, 0.2673, 0.3273

Sweetspot

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



75.6911, 0.3187, 0.2937



92.0160, 0.3144, 0.3185



69.8119, 0.2894, 0.2848



19.4642, 0.3146, 0.3170



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.



75.6911, 0.3187, 0.2937



71.2038, 0.3202, 0.2859



74.4766, 0.3331, 0.3136



18.2530, 0.3160, 0.3089



13.7833, 0.3609, 0.1762



1.3538, 0.3556, 0.1733

Inverse Universe

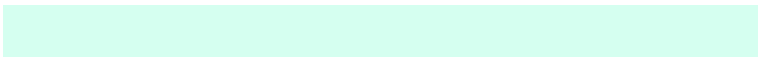
The Inverse Universe completely reimagines the original color for something new.



75.6911, 0.3187, 0.2937



71.2038, 0.3202, 0.2859



91.9351, 0.2959, 0.3449



18.2530, 0.3160, 0.3089



13.7833, 0.3609, 0.1762



1.3538, 0.3556, 0.1733

Previews

White Background



This preview shows how the Yxy color 75.6881, 0.3187, 0.2937 looks on a white background.

Color Contrast Check

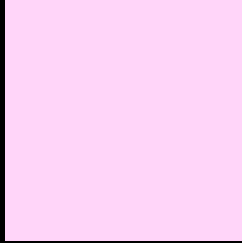
Large Text (above 18pt) WCAG AA × Fail

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 75.6881, 0.3187, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

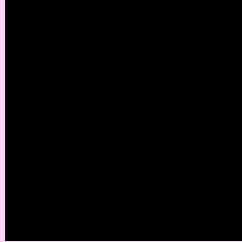
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.6881, 0.3187, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 75.6881, 0.3187, 0.2937.



This preview shows how white text looks on a background with the Yxy color 75.6881, 0.3187, 0.2937.

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

75.6881, 0.3187, 0.2937

Protanopia

75.9035, 0.2914, 0.2968

Deuteranopia

76.1409, 0.3071, 0.3005



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

75.6881, 0.3187, 0.2937

Protanomaly

75.6019, 0.3005, 0.2953

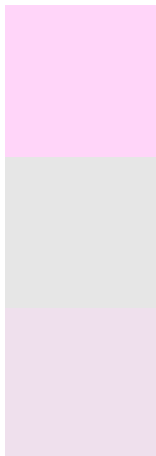
Deuteranomaly

75.6361, 0.3114, 0.2979

Tritanomaly

75.9037, 0.3247, 0.3052

Monochromacy



Original Color

75.6881, 0.3187, 0.2937

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.7765, 0.3147, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6881, 0.3187, 0.2937 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 249) }
```

Border

The CSS property to change the border of an element to Yxy 75.6881, 0.3187, 0.2937 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, 249) }
```

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

```
.border{ border-color:rgb(255, 213, 249) }
```

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, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6881, 0.3187, 0.2937 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, 249) }
```

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

```
.background{ background-color: rgb(255,  
213, 249) }
```

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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