

Converting Colors

$Y_{xy}(75.7667, 0.3179, 0.2927)$

Have a look what the booklet for
Yxy(75.7667, 0.3179, 0.2927)
contains.

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Color

Yxy(75.7506, 0.3180, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5FA
RGB	255, 213, 250
RGB Percent	100%, 84%, 98%
CMY	0.0000, 0.1647, 0.0195
CMYK	0.00, 0.16, 0.02, 0.00
HSL	307°, 100%, 92%
HSV	307°, 16%, 100%
XYZ	82.2982, 75.7506, 100.7506
YIQ	229.7760, 13.1550, 20.4110

Conversions

Conversions Part 2

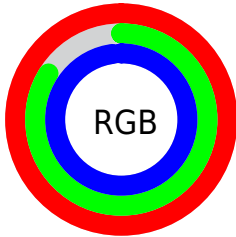
Format	Color
R _Y B	255, 213, 250
Decimal	16766458
CIE Lab	89.74, 20.77, -12.58
CIE LCh	90, 24.283, 328.811
Yxy	75.7506, 0.3180, 0.2927
Android (android.graphics.Color)	4294956538 (0xFFFFD5FA)
YUV	229.7760, 9.9704, 22.1214
Hunter-Lab	87.0348, 16.4748, -7.7091

Details

The Yxy color $75.7506, 0.3180, 0.2927$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.7255, 0.3078, 0.3682$, and the grayscale version is $78.8737, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3545, 0.3186, 0.2841$ is the 20% darker color. If you saturate the color by 10%, you get $63.7274, 0.3217, 0.2701$, and if you desaturate by 10%, it is $89.7927, 0.3147, 0.3150$.

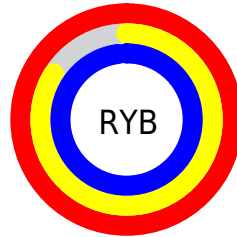
Distribution



Red (100%)

Green (84%)

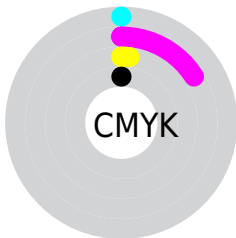
Blue (98%)



Red (100%)

Yellow (84%)

Blue (98%)

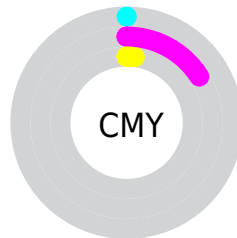


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7506, 0.3180, 0.2927 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 75.7506, 0.3180, 0.2927 by changing the saturation by 10% instead.


 75.7506, 0.3180,
0.2927

 75.7506, 0.3180,
0.2927


480.4935, 0.3158,
0.3089

 56.2280, 0.3185,
0.2891


127.3743, 0.3173,
0.2982

 40.3858, 0.3190,
0.2848

160.2442, 0.3170,
0.3004

 27.8395, 0.3196,
0.2795


198.3320, 0.3167,
0.3022

 18.2047, 0.3204,
0.2726

242.0222, 0.3165,
0.3039

 11.0970, 0.3213,
0.2636

291.6990, 0.3163,
0.3054

 6.1321, 0.3225,
0.2512

347.7469, 0.3161,

 2.9256, 0.3238,

0.3067

0.2331

410.5503, 0.3159,
0.3078

■ 1.0930, 0.3251,
0.2044

■ 0.0000, 0.3614,
0.0000

■ 75.7506, 0.3180,
0.2927

■ 75.7506, 0.3180,
0.2927

■ 63.7274, 0.3217,
0.2701

■ 89.7927, 0.3147,
0.3150

■ 53.6305, 0.3258,
0.2479

100.0000, 0.3127,
0.3290

■ 45.3579, 0.3302,
0.2270

■ 38.7988, 0.3348,
0.2084

■ 33.8304, 0.3395,
0.1930

■ 30.3135, 0.3441,
0.1817

■ 28.0850, 0.3485,
0.1749

■ 26.9407, 0.3525,
0.1725

■ 26.6872, 0.3539,
0.1723

Harmonies

Analogous

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



75.7506, 0.2896, 0.2823



75.7506, 0.3180, 0.2927



75.7506, 0.3461, 0.3117

Triad

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



75.7506, 0.3180, 0.2927



75.7506, 0.3581, 0.3755



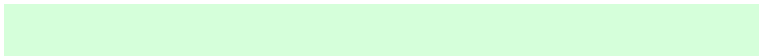
75.7506, 0.2626, 0.3189

Complementary

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



75.7506, 0.3180, 0.2927



90.7255, 0.3078, 0.3682

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.



75.7506, 0.2794, 0.3465



75.7506, 0.3180, 0.2927



75.7506, 0.3343, 0.3803

Square

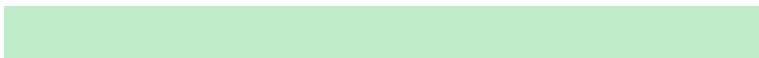
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7506, 0.3180, 0.2927



75.7506, 0.3698, 0.3586



75.7506, 0.3055, 0.3697



75.7506, 0.2586, 0.2959

Rectangle

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



75.7506, 0.3180, 0.2927



75.7506, 0.3605, 0.3272



75.7506, 0.3055, 0.3697



75.7506, 0.2669, 0.3280

Sweetspot

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



75.7502, 0.3180, 0.2927



92.0364, 0.3142, 0.3182



69.6955, 0.2890, 0.2848



19.4692, 0.3144, 0.3167



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.



75.7502, 0.3180, 0.2927



71.2832, 0.3193, 0.2847



74.5087, 0.3326, 0.3129



18.2612, 0.3156, 0.3083



13.9594, 0.3533, 0.1720



1.3692, 0.3491, 0.1697

Inverse Universe

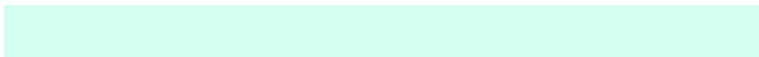
The Inverse Universe completely reimagines the original color for something new.



75.7502, 0.3180, 0.2927



71.2832, 0.3193, 0.2847



91.8914, 0.2963, 0.3457



18.2612, 0.3156, 0.3083



13.9594, 0.3533, 0.1720



1.3692, 0.3491, 0.1697

Previews

White Background



This preview shows how the Yxy color 75.7506, 0.3180, 0.2927 looks on a white background.

Color Contrast Check

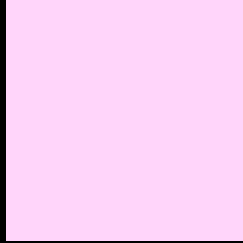
Large Text (above 18pt) WCAG AA × Fail

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 75.7506, 0.3180, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

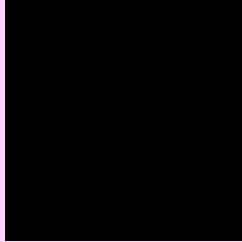
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7506, 0.3180, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 75.7506, 0.3180, 0.2927.

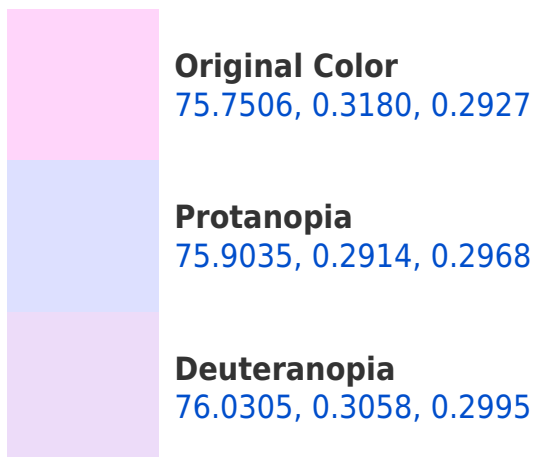


This preview shows how white text looks on a background with the Yxy color 75.7506, 0.3180, 0.2927.

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

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

75.7506, 0.3180, 0.2927

Protanomaly

75.6019, 0.3005, 0.2953

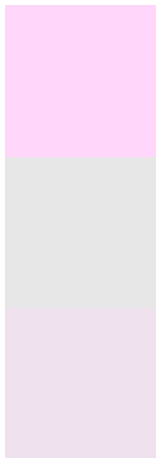
Deuteranomaly

75.6984, 0.3107, 0.2969

Tritanomaly

75.9037, 0.3247, 0.3052

Monochromacy



Original Color

75.7506, 0.3180, 0.2927

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 75.7506, 0.3180, 0.2927 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 250) }
```

Border

The CSS property to change the border of an element to Yxy 75.7506, 0.3180, 0.2927 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, 250) }
```

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

```
.border{ border-color:rgb(255, 213, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7506, 0.3180, 0.2927 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
213, 250) }
```

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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