

Converting Colors

$Y_{xy}(76.2557, 0.3130, 0.2891)$

Have a look what the booklet for
Yxy(76.2557, 0.3130, 0.2891)
contains.

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Color

Yxy(76.1958, 0.3132, 0.2889)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDD6FF |
| RGB | 253, 214, 255 |
| RGB Percent | 99%, 84%, 100% |
| CMY | 0.0078, 0.1608, 0.0001 |
| CMYK | 0.01, 0.16, 0.00, 0.00 |
| HSL | 297°, 100%, 92% |
| HSV | 297°, 16%, 100% |
| XYZ | 82.6048, 76.1958, 104.9440 |
| YIQ | 230.3350, 10.0830, 21.0190 |

Conversions

Conversions Part 2

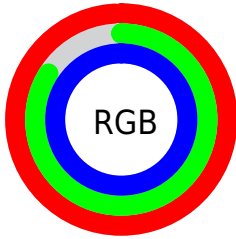
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 253, 214, 255 |
| Decimal | 16635647 |
| CIE _{Lab} | 89.95, 20.47, -14.89 |
| CIE _{LCh} | 90, 25.312, 323.979 |
| Yxy | 76.1958, 0.3132, 0.2889 |
| Android (android.graphics.Color) | 4294825727 (0xFFFDD6FF) |
| YUV | 230.3350, 12.1598, 19.8772 |
| Hunter-Lab | 87.2902, 16.1609, -10.1778 |

Details

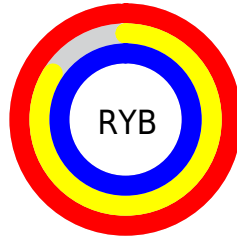
The Yxy color **76.1958, 0.3132, 0.2889** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9579, 0.3119, 0.3723**, and the grayscale version is **79.2966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6093, 0.3131, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **64.0577, 0.3133, 0.2634**, and if you desaturate by 10%, it is **90.3621, 0.3129, 0.3141**.

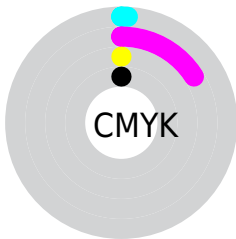
Distribution



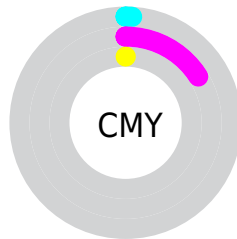
- Red (99%)
- Green (84%)
- Blue (100%)



- Red (99%)
- Yellow (84%)
- Blue (100%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1958, 0.3132, 0.2889 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 76.1958, 0.3132, 0.2889 by changing the saturation by 10% instead.


 76.1958, 0.3132,
0.2889

 76.1958, 0.3132,
0.2889

482.0177, 0.3132,
0.3067

 56.5931, 0.3131,
0.2850


128.0036, 0.3133,
0.2949

 40.6786, 0.3130,
0.2803


160.9776, 0.3133,
0.2973

 28.0681, 0.3129,
0.2744


199.1773, 0.3133,
0.2994

 18.3770, 0.3126,
0.2670

242.9873, 0.3133,
0.3012

 11.2210, 0.3121,
0.2572

292.7920, 0.3133,
0.3028

 6.2157, 0.3113,
0.2438

348.9756, 0.3132,

 2.9767, 0.3095,

0.3043

0.2244

411.9228, 0.3132,
0.3055

■ 1.1196, 0.3055,
0.1941

■ 0.0000, 0.3230,
0.0000

■ 76.1958, 0.3132,
0.2889

■ 76.1958, 0.3132,
0.2889

■ 64.0577, 0.3133,
0.2634

■ 90.3621, 0.3129,
0.3141

■ 53.8441, 0.3133,
0.2384

99.9988, 0.3127,
0.3290

■ 45.4573, 0.3131,
0.2148

■ 38.7868, 0.3127,
0.1938

■ 33.7104, 0.3121,
0.1761

■ 30.0898, 0.3113,
0.1626

■ 27.7629, 0.3103,
0.1535

■ 26.5288, 0.3092,
0.1486

■ 26.2256, 0.3087,
0.1474

Harmonies

Analogous

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



76.1958, 0.2844, 0.2799



76.1958, 0.3132, 0.2889



76.1958, 0.3432, 0.3074

Triad

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



76.1958, 0.3132, 0.2889



76.1958, 0.3629, 0.3752



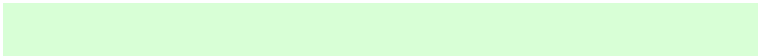
76.1958, 0.2626, 0.3229

Complementary

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



76.1958, 0.3132, 0.2889



90.9579, 0.3119, 0.3723

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.



76.1958, 0.2819, 0.3516



76.1958, 0.3132, 0.2889



76.1958, 0.3397, 0.3827

Square

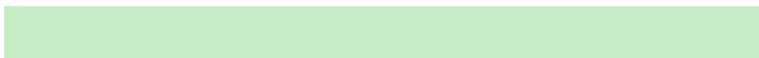
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1958, 0.3132, 0.2889



76.1958, 0.3726, 0.3560



76.1958, 0.3100, 0.3742



76.1958, 0.2563, 0.2978

Rectangle

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



76.1958, 0.3132, 0.2889



76.1958, 0.3593, 0.3231



76.1958, 0.3100, 0.3742



76.1958, 0.2678, 0.3325

Sweetspot

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



76.1991, 0.3132, 0.2889



92.0172, 0.3129, 0.3168



70.6546, 0.2865, 0.2878



19.4645, 0.3129, 0.3150



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.



76.1991, 0.3132, 0.2889



72.4491, 0.3133, 0.2814



75.4394, 0.3272, 0.3066



18.2533, 0.3130, 0.3055



13.7252, 0.3089, 0.1475



1.3495, 0.3104, 0.1483

Inverse Universe

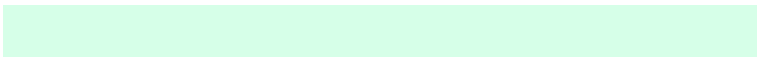
The Inverse Universe completely reimagines the original color for something new.



74.3082, 0.3419, 0.3271



70.2653, 0.3485, 0.3267



91.6560, 0.3004, 0.3525



18.0012, 0.3287, 0.3279



11.1289, 0.6352, 0.3273



1.0883, 0.6239, 0.3211

Previews

White Background



This preview shows how the Yxy color 76.1958, 0.3132, 0.2889 looks on a white background.

Color Contrast Check

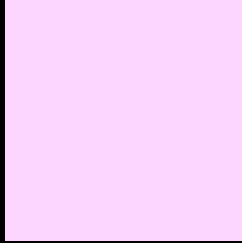
Large Text (above 18pt) WCAG AA × Fail

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 76.1958, 0.3132, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

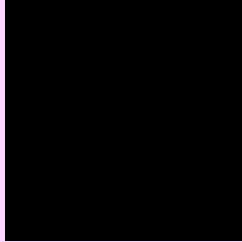
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1958, 0.3132, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 76.1958, 0.3132, 0.2889.



This preview shows how white text looks on a background with the Yxy color 76.1958, 0.3132, 0.2889.

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

76.1958, 0.3132, 0.2889

Protanopia

76.4426, 0.2914, 0.2978

Deuteranopia

76.1750, 0.3019, 0.2946



Tritanopia

76.4650, 0.3243, 0.3119

Trichromacy



Original Color

76.1958, 0.3132, 0.2889

Protanomaly

76.2565, 0.2993, 0.2944

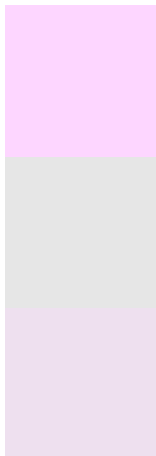
Deuteranomaly

76.1758, 0.3060, 0.2930

Tritanomaly

76.5457, 0.3203, 0.3041

Monochromacy



Original Color

76.1958, 0.3132, 0.2889

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.7204, 0.3127, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1958, 0.3132, 0.2889 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(253, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 214, 255)  
}
```

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(253, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.1958, 0.3132, 0.2889 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(253, 214, 255) }
```

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

```
.border{ border-color:rgb(253, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1958, 0.3132, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 214, 255) }
```

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

```
.background{ background-color: rgb(253,  
214, 255) }
```

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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