

Converting Colors

$Y_{xy}(97.4360, 0.3803, 0.2971)$

Have a look what the booklet for
Yxy(97.4360, 0.3803, 0.2971)
contains.

Yxy(76.0043, 0.3153, 0.2890)	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(76.0043, 0.3153, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5FE
RGB	255, 213, 254
RGB Percent	100%, 84%, 100%
CMY	0.0000, 0.1647, 0.0039
CMYK	0.00, 0.16, 0.00, 0.00
HSL	301°, 100%, 92%
HSV	301°, 16%, 100%
XYZ	82.9210, 76.0043, 104.0654
YIQ	230.2320, 11.8710, 21.6550

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 213, 254
Decimal	16766462
CIE _{Lab}	89.86, 21.46, -14.49
CIE _{LCh}	90, 25.895, 325.984
Yxy	76.0043, 0.3153, 0.2890
Android (android.graphics.Color)	4294956542 (0xFFFFD5FE)
YUV	230.2320, 11.7176, 21.7215
Hunter-Lab	87.1804, 17.2130, -9.7469

Details

The Yxy color **76.0043, 0.3153, 0.2890** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.5175, 0.3101, 0.3725**, and the grayscale version is **79.2180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4907, 0.3159, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **64.1334, 0.3170, 0.2643**, and if you desaturate by 10%, it is **89.8987, 0.3137, 0.3135**.

Distribution



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



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



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0043, 0.3153, 0.2890 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 76.0043, 0.3153, 0.2890 by changing the saturation by 10% instead.


 76.0043, 0.3153,
0.2890

 76.0043, 0.3153,
0.2890

481.3624, 0.3144,
0.3068

 56.4360, 0.3155,
0.2851

127.7330, 0.3150,
0.2950

 40.5526, 0.3156,
0.2804


160.6622, 0.3149,
0.2974

 27.9697, 0.3158,
0.2745


198.8138, 0.3148,
0.2995

 18.3028, 0.3159,
0.2671

242.5723, 0.3147,
0.3013

 11.1676, 0.3160,
0.2574

292.3220, 0.3146,
0.3029

 6.1797, 0.3159,
0.2440

348.4473, 0.3145,

 2.9546, 0.3154,

0.3043

0.2246

411.3327, 0.3144,
0.3056

1.1081, 0.3134,
0.1944

0.0000, 0.3383,
0.0000

76.0043, 0.3153,
0.2890

76.0043, 0.3153,
0.2890

64.1334, 0.3170,
0.2643

89.8987, 0.3137,
0.3135

54.1820, 0.3187,
0.2403

99.9985, 0.3127,
0.3290

46.0520, 0.3204,
0.2179

39.6326, 0.3220,
0.1981

■ 34.8011, 0.3235,
0.1818

■ 31.4183, 0.3248,
0.1696

■ 29.3210, 0.3259,
0.1618

■ 28.3053, 0.3267,
0.1582

■ 28.0963, 0.3270,
0.1575

Harmonies

Analogous

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



76.0043, 0.2855, 0.2790



76.0043, 0.3153, 0.2890



76.0043, 0.3457, 0.3084

Triad

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



76.0043, 0.3153, 0.2890



76.0043, 0.3629, 0.3773



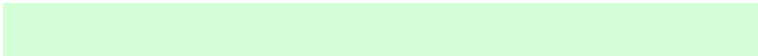
76.0043, 0.2606, 0.3208

Complementary

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



76.0043, 0.3153, 0.2890



90.5175, 0.3101, 0.3725

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.



76.0043, 0.2795, 0.3503



76.0043, 0.3153, 0.2890



76.0043, 0.3384, 0.3840

Square

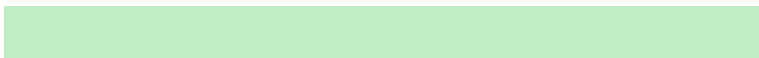
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



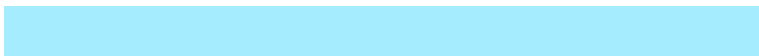
76.0043, 0.3153, 0.2890



76.0043, 0.3739, 0.3582



76.0043, 0.3078, 0.3742



76.0043, 0.2551, 0.2956

Rectangle

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



76.0043, 0.3153, 0.2890



76.0043, 0.3618, 0.3246



76.0043, 0.3078, 0.3742



76.0043, 0.2656, 0.3306

Sweetspot

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



76.0076, 0.3153, 0.2890



92.1138, 0.3135, 0.3171



69.0652, 0.2862, 0.2844



19.4881, 0.3136, 0.3154



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.



76.0076, 0.3153, 0.2890



71.5884, 0.3159, 0.2803



74.7522, 0.3296, 0.3088



18.2925, 0.3142, 0.3061



14.6853, 0.3269, 0.1575



1.4321, 0.3262, 0.1570

Inverse Universe

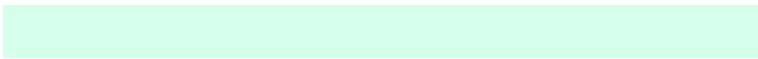
The Inverse Universe completely reimagines the original color for something new.



76.0076, 0.3153, 0.2890



71.5884, 0.3159, 0.2803



91.6433, 0.2986, 0.3501



18.2925, 0.3142, 0.3061



14.6853, 0.3269, 0.1575



1.4321, 0.3262, 0.1570

Previews

White Background



This preview shows how the Yxy color 76.0043, 0.3153, 0.2890 looks on a white background.

Color Contrast Check

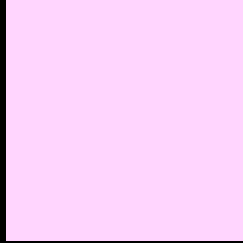
Large Text (above 18pt) WCAG AA × Fail

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 76.0043, 0.3153, 0.2890 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 76.0043, 0.3153, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 76.0043, 0.3153, 0.2890.



This preview shows how white text looks on a background with the Yxy color 76.0043, 0.3153, 0.2890.

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

76.0043, 0.3153, 0.2890

Protanopia

76.4426, 0.2914, 0.2978

Deuteranopia

76.1111, 0.3025, 0.2955



Tritanopia

76.2043, 0.3272, 0.3130

Trichromacy



Original Color

76.0043, 0.3153, 0.2890

Protanomaly

76.2565, 0.2993, 0.2944

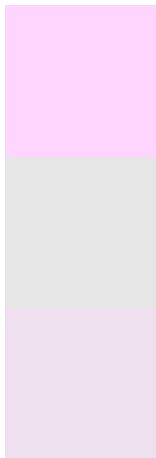
Deuteranomaly

75.7722, 0.3074, 0.2930

Tritanomaly

76.3453, 0.3225, 0.3042

Monochromacy



Original Color

76.0043, 0.3153, 0.2890

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.8940, 0.3134, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0043, 0.3153, 0.2890 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 254) }
```

Border

The CSS property to change the border of an element to Yxy 76.0043, 0.3153, 0.2890 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, 254) }
```

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

```
.border{ border-color:rgb(255, 213, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0043, 0.3153, 0.2890 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
213, 254) }
```

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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