

Converting Colors

$Y_{xy}(77.4026, 0.3138, 0.2910)$

Have a look what the booklet for
Yxy(77.4026, 0.3138, 0.2910)
contains.

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Color

Yxy(77.4026, 0.3138, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	FED8FF
RGB	254, 216, 255
RGB Percent	100%, 85%, 100%
CMY	0.0040, 0.1529, 0.0001
CMYK	0.00, 0.15, 0.00, 0.00
HSL	298°, 100%, 92%
HSV	298°, 15%, 100%
XYZ	83.4671, 77.4026, 105.1186
YIQ	231.8080, 10.1290, 20.1850

Conversions

Conversions Part 2

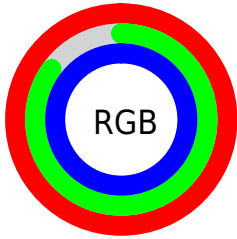
Format	Color
R _Y B	254, 216, 255
Decimal	16701695
CIE Lab	90.51, 19.73, -14.04
CIE LCh	91, 24.212, 324.570
Yxy	77.4026, 0.3138, 0.2910
Android (android.graphics.Color)	4294891775 (0xFF FED8FF)
YUV	231.8080, 11.4337, 19.4624
Hunter-Lab	87.9787, 15.3836, -9.2556

Details

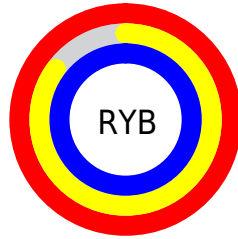
The Yxy color **77.4026, 0.3138, 0.2910** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.2103, 0.3114, 0.3700**, and the grayscale version is **80.4519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4373, 0.3140, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **65.2159, 0.3144, 0.2656**, and if you desaturate by 10%, it is **91.6234, 0.3131, 0.3161**.

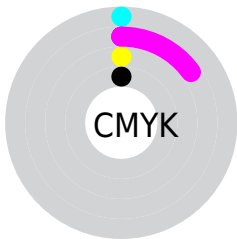
Distribution



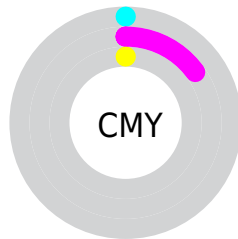
- Red (100%)
- Green (85%)
- Blue (100%)



- Red (100%)
- Yellow (85%)
- Blue (100%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4026, 0.3138, 0.2910 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 77.4026, 0.3138, 0.2910 by changing the saturation by 10% instead.


 77.4026, 0.3138,
0.2910

 77.4026, 0.3138,
0.2910


486.1356, 0.3135,
0.3079

 57.5834, 0.3138,
0.2873


129.7076, 0.3137,
0.2967

 41.4738, 0.3138,
0.2828


162.9622, 0.3137,
0.2990

 28.6895, 0.3138,
0.2773


201.4641, 0.3137,
0.3009

 18.8460, 0.3136,
0.2703

245.5975, 0.3137,
0.3027

 11.5591, 0.3134,
0.2610

295.7470, 0.3136,
0.3042

 6.4442, 0.3129,
0.2484

352.2969, 0.3136,

 3.1170, 0.3117,

0.3055

0.2301

415.6317, 0.3136,
0.3068

■ 1.1931, 0.3087,
0.2014

■ 0.0561, 0.3271,
0.0343

■ 77.4026, 0.3138,
0.2910

■ 77.4026, 0.3138,
0.2910

■ 65.2159, 0.3144,
0.2656

■ 91.6234, 0.3131,
0.3161

■ 54.9601, 0.3150,
0.2408

99.9978, 0.3127,
0.3290

■ 46.5380, 0.3154,
0.2174

■ 39.8402, 0.3156,
0.1965

■ 34.7455, 0.3157,
0.1790

■ 31.1170, 0.3156,
0.1656

■ 28.7951, 0.3152,
0.1566

■ 27.5827, 0.3147,
0.1519

■ 27.2624, 0.3145,
0.1506

Harmonies

Analogous

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



77.4026, 0.2862, 0.2822



77.4026, 0.3138, 0.2910



77.4026, 0.3422, 0.3088

Triad

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



77.4026, 0.3138, 0.2910



77.4026, 0.3602, 0.3733



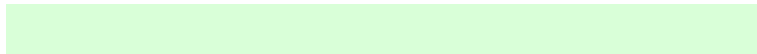
77.4026, 0.2647, 0.3228

Complementary

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



77.4026, 0.3138, 0.2910



91.2103, 0.3114, 0.3700

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.



77.4026, 0.2830, 0.3500



77.4026, 0.3138, 0.2910



77.4026, 0.3379, 0.3800

Square

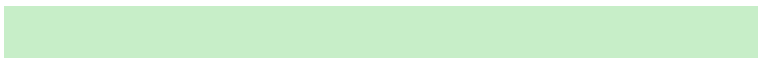
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



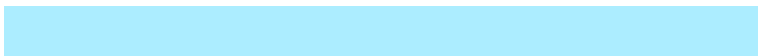
77.4026, 0.3138, 0.2910



77.4026, 0.3696, 0.3553



77.4026, 0.3096, 0.3716



77.4026, 0.2589, 0.2990

Rectangle

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



77.4026, 0.3138, 0.2910



77.4026, 0.3574, 0.3239



77.4026, 0.3096, 0.3716



77.4026, 0.2696, 0.3319

Sweetspot

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



77.4060, 0.3138, 0.2910



92.0717, 0.3131, 0.3168



71.6097, 0.2879, 0.2893



19.4778, 0.3131, 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.



77.4060, 0.3138, 0.2910



73.9093, 0.3140, 0.2841



76.4777, 0.3268, 0.3084



18.2754, 0.3134, 0.3056



14.2602, 0.3146, 0.1507



1.3956, 0.3153, 0.1511

Inverse Universe

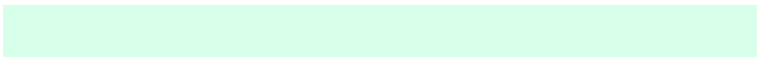
The Inverse Universe completely reimagines the original color for something new.



75.3858, 0.3408, 0.3281



71.5765, 0.3469, 0.3279



92.0518, 0.3007, 0.3505



17.9946, 0.3291, 0.3284



11.1195, 0.6375, 0.3286



1.0852, 0.6314, 0.3252

Previews

White Background



This preview shows how the Yxy color 77.4026, 0.3138, 0.2910 looks on a white background.

Color Contrast Check

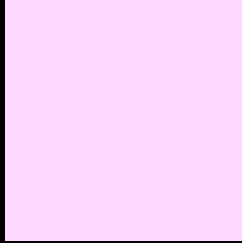
Large Text (above 18pt) WCAG AA × Fail

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 77.4026, 0.3138, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

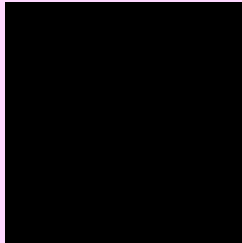
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.4026, 0.3138, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 77.4026, 0.3138, 0.2910.



This preview shows how white text looks on a background with the Yxy color 77.4026, 0.3138, 0.2910.

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

77.4026, 0.3138, 0.2910

Protanopia

77.8461, 0.2928, 0.3001

Deuteranopia

77.5755, 0.3032, 0.2968



Tritanopia

77.2284, 0.3242, 0.3120

Trichromacy



Original Color

77.4026, 0.3138, 0.2910

Protanomaly

77.4878, 0.2999, 0.2966

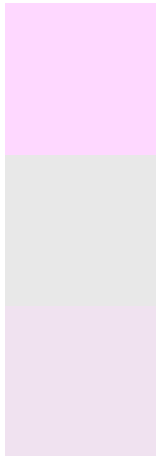
Deuteranomaly

77.5753, 0.3074, 0.2951

Tritanomaly

77.3093, 0.3203, 0.3042

Monochromacy



Original Color

77.4026, 0.3138, 0.2910

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.2092, 0.3134, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4026, 0.3138, 0.2910 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(254, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 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(254, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 255) }
```

Border

The CSS property to change the border of an element to Yxy 77.4026, 0.3138, 0.2910 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(254, 216, 255) }
```

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

```
.border{ border-color:rgb(254, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4026, 0.3138, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 255) }
```

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

```
.background{ background-color: rgb(254,  
216, 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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