

Converting Colors

Yxy(78.0660, 0.3144, 0.2933)

Have a look what the booklet for
Yxy(78.0660, 0.3144, 0.2933)
contains.

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Color

Yxy(77.8523, 0.3144, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	FED9FE
RGB	254, 217, 254
RGB Percent	100%, 85%, 100%
CMY	0.0040, 0.1490, 0.0040
CMYK	0.00, 0.15, 0.00, 0.00
HSL	300°, 95%, 92%
HSV	300°, 15%, 100%
XYZ	83.5670, 77.8523, 104.3790
YIQ	232.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

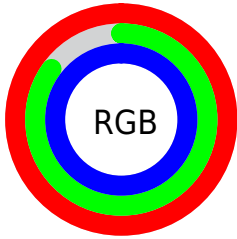
Format	Color
R _Y B	254, 217, 254
Decimal	16701950
CIE Lab	90.71, 19.03, -13.22
CIE LCh	91, 23.171, 325.223
Yxy	77.8523, 0.3144, 0.2929
Android (android.graphics.Color)	4294892030 (0xFF FED9FE)
YUV	232.2810, 10.7075, 19.0476
Hunter-Lab	88.2340, 14.6491, -8.3751

Details

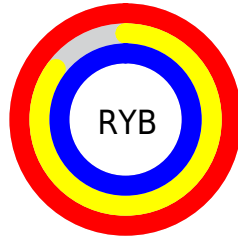
The Yxy color $77.8523, 0.3144, 0.2929$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.6443, 0.3109, 0.3679$, and the grayscale version is $80.8303, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.7422, 0.3148, 0.2855$ is the 20% darker color. If you saturate the color by 10%, you get $65.7512, 0.3156, 0.2677$, and if you desaturate by 10%, it is $91.9751, 0.3132, 0.3179$.

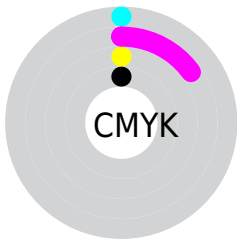
Distribution



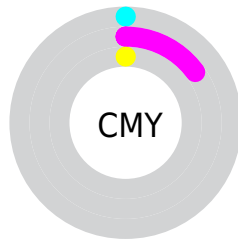
- Red (100%)
- Green (85%)
- Blue (100%)



- 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 77.8523, 0.3144, 0.2929 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 77.8523, 0.3144, 0.2929 by changing the saturation by 10% instead.


 77.8523, 0.3144,
0.2929

 77.8523, 0.3144,
0.2929


487.6651, 0.3138,
0.3089

 57.9527, 0.3145,
0.2894


130.3419, 0.3142,
0.2983

 41.7706, 0.3146,
0.2851


163.7006, 0.3142,
0.3005

 28.9217, 0.3146,
0.2799


202.3145, 0.3141,
0.3023

 19.0216, 0.3147,
0.2732

246.5680, 0.3140,
0.3040

 11.6859, 0.3146,
0.2643

296.8453, 0.3140,
0.3054

 6.5302, 0.3144,
0.2523

353.5310, 0.3139,

 3.1701, 0.3137,

0.3067

0.2348

417.0095, 0.3139,
0.3079

■ 1.2211, 0.3117,
0.2073

■ 0.0789, 0.3312,
0.0484

■ 77.8523, 0.3144,
0.2929

■ 77.8523, 0.3144,
0.2929

■ 65.7512, 0.3156,
0.2677

■ 91.9751, 0.3132,
0.3179

■ 55.5699, 0.3167,
0.2430

99.7450, 0.3127,
0.3300

■ 47.2127, 0.3178,
0.2199

99.7468, 0.3127,
0.3300

■ 40.5719, 0.3188,
0.1992

99.7486, 0.3127,
0.3300

35.5285, 0.3196,
0.1820

99.7504, 0.3127,
0.3300

31.9482, 0.3202,
0.1688

99.7522, 0.3127,
0.3300

29.6748, 0.3206,
0.1600

99.7539, 0.3127,
0.3300

28.5166, 0.3208,
0.1554

99.7557, 0.3127,
0.3300

28.2063, 0.3208,
0.1541

99.7575, 0.3127,
0.3300

Harmonies

Analogous

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



77.8523, 0.2879, 0.2843



77.8523, 0.3144, 0.2929



77.8523, 0.3414, 0.3101

Triad

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



77.8523, 0.3144, 0.2929



77.8523, 0.3577, 0.3717



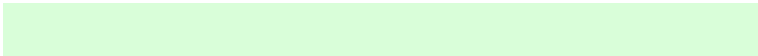
77.8523, 0.2666, 0.3226

Complementary

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



77.8523, 0.3144, 0.2929



90.6443, 0.3109, 0.3679

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.



77.8523, 0.2838, 0.3485



77.8523, 0.3144, 0.2929



77.8523, 0.3363, 0.3776

Square

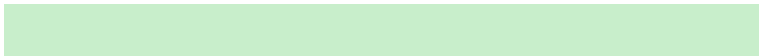
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8523, 0.3144, 0.2929



77.8523, 0.3670, 0.3547



77.8523, 0.3092, 0.3693



77.8523, 0.2612, 0.3000

Rectangle

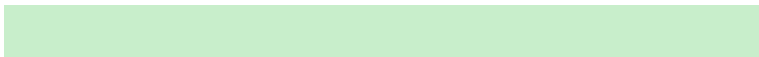
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8523, 0.3144, 0.2929



77.8523, 0.3558, 0.3246



77.8523, 0.3092, 0.3693



77.8523, 0.2711, 0.3312

Sweetspot

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



77.8557, 0.3144, 0.2929



93.6631, 0.3132, 0.3192



71.8619, 0.2892, 0.2907



19.8009, 0.3133, 0.3174



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.



77.8557, 0.3144, 0.2929



75.3891, 0.3147, 0.2867



76.7662, 0.3265, 0.3100



18.3001, 0.3138, 0.3056



14.8722, 0.3208, 0.1541



1.4482, 0.3208, 0.1541

Inverse Universe

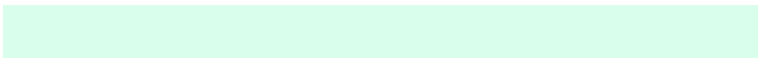
The Inverse Universe completely reimagines the original color for something new.



75.7145, 0.3399, 0.3291



72.9088, 0.3455, 0.3291



91.6232, 0.3009, 0.3488



17.9872, 0.3295, 0.3290



11.1090, 0.6400, 0.3299



1.0817, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 77.8523, 0.3144, 0.2929 looks on a white background.

Color Contrast Check

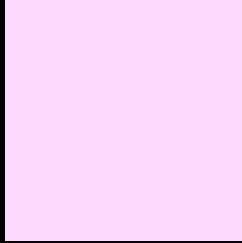
Large Text (above 18pt) WCAG AA × Fail

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 77.8523, 0.3144, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

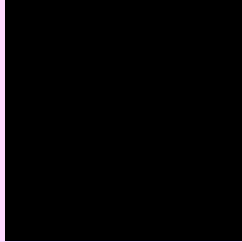
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.8523, 0.3144, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 77.8523, 0.3144, 0.2929.



This preview shows how white text looks on a background with the Yxy color 77.8523, 0.3144, 0.2929.

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

77.8523, 0.3144, 0.2929

Protanopia

78.0055, 0.2934, 0.3001

Deuteranopia

77.6851, 0.3045, 0.2978



Tritanopia

77.9963, 0.3242, 0.3121

Trichromacy



Original Color

77.8523, 0.3144, 0.2929

Protanomaly

77.6575, 0.3006, 0.2966

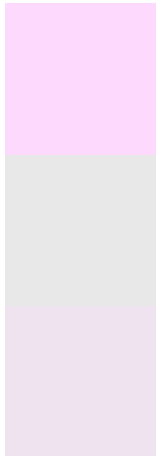
Deuteranomaly

77.5113, 0.3080, 0.2961

Tritanomaly

78.0167, 0.3209, 0.3053

Monochromacy



Original Color

77.8523, 0.3144, 0.2929

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.7547, 0.3133, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8523, 0.3144, 0.2929 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, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 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(254, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 254) }
```

Border

The CSS property to change the border of an element to Yxy 77.8523, 0.3144, 0.2929 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, 217, 254) }
```

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

```
.border{ border-color:rgb(254, 217, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8523, 0.3144, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 217, 254) }
```

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

```
.background{ background-color: rgb(254,  
217, 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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