

Converting Colors

$Yxy(86.3626, 0.2952, 0.2775)$

Have a look what the booklet for
Yxy(86.3626, 0.2952, 0.2775)
contains.

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Color

Yxy(84.1413, 0.3125, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	FDE5FF
RGB	253, 229, 255
RGB Percent	99%, 90%, 100%
CMY	0.0082, 0.1018, 0.0001
CMYK	0.01, 0.10, 0.00, 0.00
HSL	295°, 100%, 95%
HSV	295°, 10%, 100%
XYZ	86.5509, 84.1413, 106.2706
YIQ	239.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

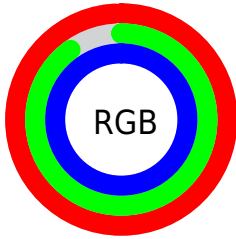
Format	Color
R _Y B	253, 229, 255
Decimal	16639487
CIE Lab	93.51, 12.60, -9.57
CIE LCh	94, 15.825, 322.773
Yxy	84.1413, 0.3125, 0.3038
Android (android.graphics.Color)	4294829567 (0xFFFD E5FF)
YUV	239.1400, 7.8190, 12.1552
Hunter-Lab	91.7286, 7.8994, -4.4795

Details

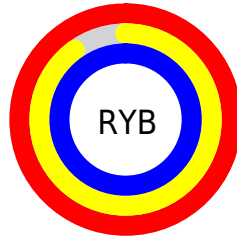
The Yxy color **84.1413, 0.3125, 0.3038** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94.1747, 0.3128, 0.3553**, and the grayscale version is **86.3603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0851, 0.3124, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **70.6730, 0.3121, 0.2782**, and if you desaturate by 10%, it is **99.6933, 0.3127, 0.3286**.

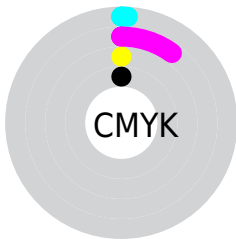
Distribution



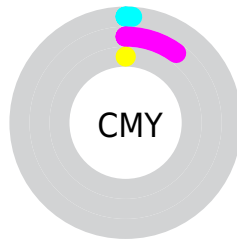
- Red (99%)
- Green (90%)
- Blue (100%)



- Red (99%)
- Yellow (90%)
- Blue (100%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1413, 0.3125, 0.3038 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 84.1413, 0.3125, 0.3038 by changing the saturation by 10% instead.

 84.1413, 0.3125,
0.3038

 84.1413, 0.3125,
0.3038


508.7823, 0.3127,
0.3149

 63.1321, 0.3124,
0.3014


139.1728, 0.3126,
0.3076

 45.9481, 0.3123,
0.2984


173.9639, 0.3126,
0.3091

 32.2049, 0.3122,
0.2948


214.1178, 0.3126,
0.3104

 21.5180, 0.3120,
0.2901

260.0188, 0.3127,
0.3115

 13.5032, 0.3118,
0.2841

312.0514, 0.3127,
0.3125

 7.7759, 0.3113,
0.2757

370.5999, 0.3127,

 3.9519, 0.3104,

0.3134

0.2637

436.0488, 0.3127,
0.3142

■ 1.6467, 0.3087,
0.2446

■ 0.3888, 0.3129,
0.1796

■ 84.1413, 0.3125,
0.3038

■ 84.1413, 0.3125,
0.3038

■ 70.6730, 0.3121,
0.2782

99.6933, 0.3127,
0.3286

■ 59.1876, 0.3115,
0.2526

99.9989, 0.3127,
0.3290

■ 49.5922, 0.3106,
0.2276

■ 41.7819, 0.3094,
0.2045

■ 35.6421, 0.3080,
0.1841

■ 31.0444, 0.3064,
0.1674

■ 27.8420, 0.3045,
0.1550

■ 25.8596, 0.3026,
0.1471

■ 24.8207, 0.3006,
0.1429

Harmonies

Analogous

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



84.1413, 0.2950, 0.2986



84.1413, 0.3125, 0.3038



84.1413, 0.3305, 0.3152

Triad

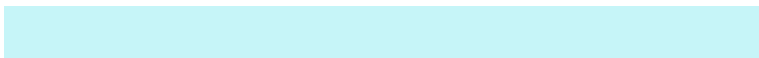
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1413, 0.3125, 0.3038



84.1413, 0.3436, 0.3569



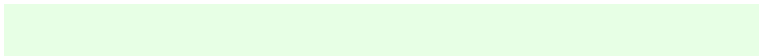
84.1413, 0.2824, 0.3264

Complementary

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



84.1413, 0.3125, 0.3038



94.1747, 0.3128, 0.3553

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.



84.1413, 0.2947, 0.3432



84.1413, 0.3125, 0.3038



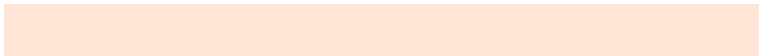
84.1413, 0.3300, 0.3611

Square

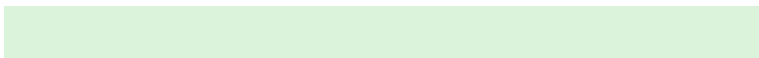
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1413, 0.3125, 0.3038



84.1413, 0.3488, 0.3455



84.1413, 0.3121, 0.3561



84.1413, 0.2780, 0.3110

Rectangle

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



84.1413, 0.3125, 0.3038



84.1413, 0.3403, 0.3251



84.1413, 0.3121, 0.3561



84.1413, 0.2857, 0.3321

Sweetspot

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



84.1449, 0.3125, 0.3038



95.1003, 0.3127, 0.3217



81.1471, 0.2967, 0.3048



20.0821, 0.3127, 0.3197



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.



84.1449, 0.3125, 0.3038



81.5466, 0.3124, 0.2992



83.8585, 0.3208, 0.3142



18.2223, 0.3125, 0.3055



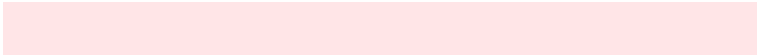
13.0023, 0.3009, 0.1431



1.2869, 0.3033, 0.1445

Inverse Universe

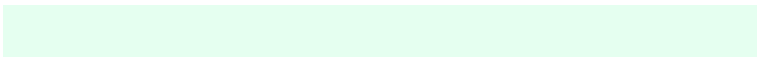
The Inverse Universe completely reimagines the original color for something new.



83.0920, 0.3294, 0.3270



80.3238, 0.3328, 0.3266



94.4552, 0.3054, 0.3443



18.0106, 0.3282, 0.3271



11.1440, 0.6317, 0.3253



1.0928, 0.6138, 0.3155

Previews

White Background



This preview shows how the Yxy color 84.1413, 0.3125, 0.3038 looks on a white background.

Color Contrast Check

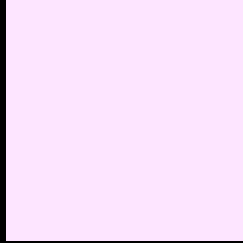
Large Text (above 18pt) WCAG AA × Fail

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 84.1413, 0.3125, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

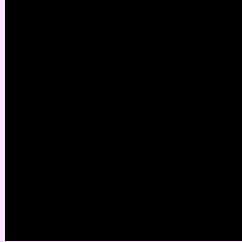
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

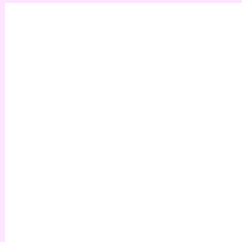
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.1413, 0.3125, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 84.1413, 0.3125, 0.3038.

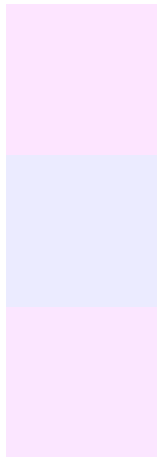


This preview shows how white text looks on a background with the Yxy color 84.1413, 0.3125, 0.3038.

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

84.1413, 0.3125, 0.3038

Protanopia

84.2988, 0.3006, 0.3089

Deuteranopia

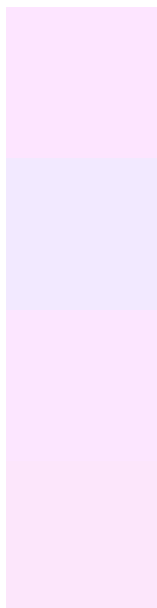
84.3229, 0.3112, 0.3046



Tritanopia

84.0664, 0.3163, 0.3114

Trichromacy



Original Color

84.1413, 0.3125, 0.3038

Protanomaly

84.3751, 0.3051, 0.3072

Deuteranomaly

84.5091, 0.3118, 0.3047

Tritanomaly

84.2541, 0.3144, 0.3085

Monochromacy



Original Color

84.1413, 0.3125, 0.3038

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.2423, 0.3125, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1413, 0.3125, 0.3038 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, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 229, 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, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 229, 255) }
```

Border

The CSS property to change the border of an element to Yxy 84.1413, 0.3125, 0.3038 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, 229, 255) }
```

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

```
.border{ border-color:rgb(253, 229, 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, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 229,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1413, 0.3125, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 229, 255) }
```

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

```
.background{ background-color: rgb(253,  
229, 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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