

Converting Colors

$Yxy(82.6633, 0.3092, 0.3025)$

Have a look what the booklet for
Yxy(82.6633, 0.3092, 0.3025)
contains.

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Color

Yxy(82.6633, 0.3092, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	F8E4FF
RGB	248, 228, 255
RGB Percent	97%, 89%, 100%
CMY	0.0276, 0.1058, 0.0000
CMYK	0.03, 0.11, 0.00, 0.00
HSL	284°, 100%, 95%
HSV	284°, 11%, 100%
XYZ	84.4942, 82.6633, 106.1096
YIQ	237.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

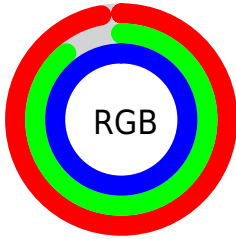
Format	Color
R _Y B	248, 228, 255
Decimal	16311551
CIE Lab	92.87, 11.51, -10.59
CIE LCh	93, 15.639, 317.398
Yxy	82.6633, 0.3092, 0.3025
Android (android.graphics.Color)	4294501631 (0xFFFF8E4FF)
YUV	237.0580, 8.8454, 9.5961
Hunter-Lab	90.9194, 6.7767, -5.5523

Details

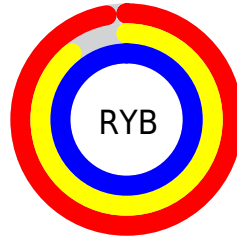
The Yxy color $82.6633, 0.3092, 0.3025$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.7945, 0.3158, 0.3562$, and the grayscale version is $84.6629, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.1708, 0.3090, 0.2977$ is the 20% darker color. If you saturate the color by 10%, you get $68.4604, 0.3052, 0.2761$, and if you desaturate by 10%, it is $98.9856, 0.3125, 0.3276$.

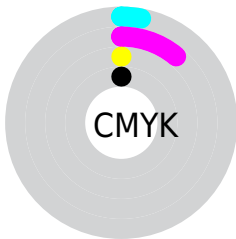
Distribution



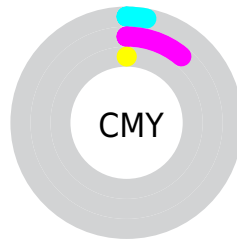
- Red (97%)
- Green (89%)
- Blue (100%)



- Red (97%)
- Yellow (89%)
- Blue (100%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6633, 0.3092, 0.3025 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 82.6633, 0.3092, 0.3025 by changing the saturation by 10% instead.


 82.6633, 0.3092,
0.3025

 82.6633, 0.3092,
0.3025


503.8637, 0.3109,
0.3143

 61.9124, 0.3088,
0.2999

137.1038, 0.3098,
0.3065

 44.9619, 0.3083,
0.2968


171.5622, 0.3100,
0.3081

 31.4275, 0.3077,
0.2929


211.3586, 0.3102,
0.3094

 20.9246, 0.3068,
0.2880

256.8773, 0.3104,
0.3106

 13.0689, 0.3057,
0.2815

308.5028, 0.3105,
0.3117

 7.4760, 0.3040,
0.2726

366.6194, 0.3107,

 3.7615, 0.3013,

0.3126

0.2597

431.6116, 0.3108,
0.3135

■ 1.5411, 0.2964,
0.2392

■ 0.3174, 0.2927,
0.1594

■ 82.6633, 0.3092,
0.3025

■ 82.6633, 0.3092,
0.3025

■ 68.4604, 0.3052,
0.2761

98.9856, 0.3125,
0.3276

■ 56.2758, 0.3004,
0.2489

100.0000, 0.3127,
0.3290

■ 46.0156, 0.2950,
0.2218

■ 37.5743, 0.2888,
0.1957

■ 30.8361, 0.2821,
0.1720

■ 25.6718, 0.2751,
0.1516

■ 21.9329, 0.2679,
0.1355

■ 19.4422, 0.2609,
0.1243

■ 17.9724, 0.2545,
0.1175

Harmonies

Analogous

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



82.6633, 0.2924, 0.2986



82.6633, 0.3092, 0.3025



82.6633, 0.3274, 0.3129

Triad

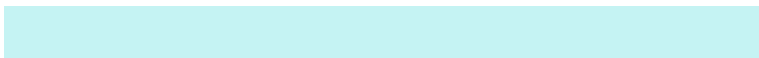
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6633, 0.3092, 0.3025



82.6633, 0.3450, 0.3552



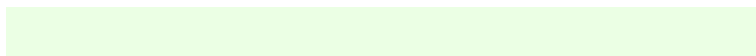
82.6633, 0.2842, 0.3295

Complementary

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



82.6633, 0.3092, 0.3025



94.7945, 0.3158, 0.3562

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.



82.6633, 0.2977, 0.3459



82.6633, 0.3092, 0.3025



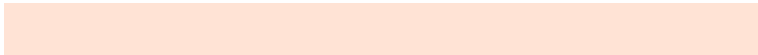
82.6633, 0.3328, 0.3608

Square

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



82.6633, 0.3092, 0.3025



82.6633, 0.3484, 0.3428



82.6633, 0.3154, 0.3575



82.6633, 0.2783, 0.3136

Rectangle

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



82.6633, 0.3092, 0.3025



82.6633, 0.3378, 0.3224



82.6633, 0.3154, 0.3575



82.6633, 0.2880, 0.3352

Sweetspot

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



82.6668, 0.3092, 0.3025



94.8393, 0.3118, 0.3217



83.2564, 0.2961, 0.3089



20.0114, 0.3115, 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.



82.6668, 0.3092, 0.3025



79.0395, 0.3083, 0.2962



83.5785, 0.3180, 0.3089



18.0480, 0.3096, 0.3053



9.4669, 0.2556, 0.1181



0.9745, 0.2633, 0.1224

Inverse Universe

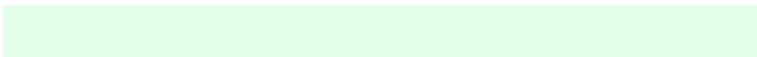
The Inverse Universe completely reimagines the original color for something new.



82.7588, 0.3269, 0.3221



79.1641, 0.3306, 0.3204



93.9757, 0.3079, 0.3500



18.0649, 0.3253, 0.3228



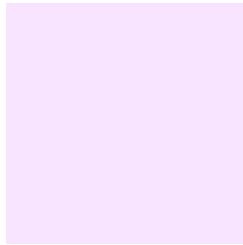
11.3382, 0.5901, 0.3024



1.1209, 0.5584, 0.2850

Previews

White Background



This preview shows how the Yxy color 82.6633, 0.3092, 0.3025 looks on a white background.

Color Contrast Check

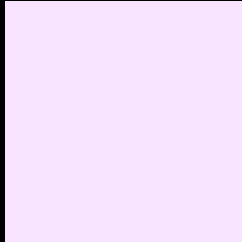
Large Text (above 18pt) WCAG AA × Fail

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 82.6633, 0.3092, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

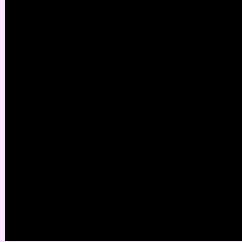
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

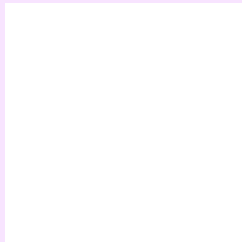
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6633, 0.3092, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 82.6633, 0.3092, 0.3025.

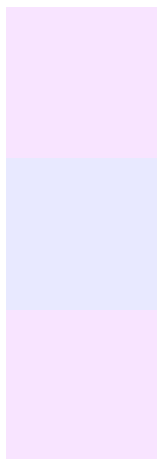


This preview shows how white text looks on a background with the Yxy color 82.6633, 0.3092, 0.3025.

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

82.6633, 0.3092, 0.3025

Protanopia

82.6536, 0.2986, 0.3068

Deuteranopia

82.6633, 0.3092, 0.3025



Tritanopia

82.5282, 0.3136, 0.3112

Trichromacy



Original Color

82.6633, 0.3092, 0.3025

Protanomaly

82.5490, 0.3025, 0.3050

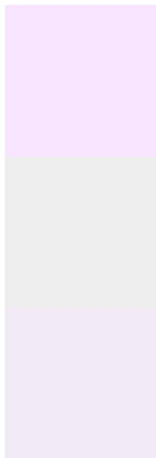
Deuteranomaly

82.6633, 0.3092, 0.3025

Tritanomaly

82.7149, 0.3117, 0.3082

Monochromacy



Original Color

82.6633, 0.3092, 0.3025

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.0781, 0.3112, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6633, 0.3092, 0.3025 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(248, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 228, 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(248, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 228, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.6633, 0.3092, 0.3025 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(248, 228, 255) }
```

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

```
.border{ border-color:rgb(248, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 228,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6633, 0.3092, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 228, 255) }
```

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

```
.background{ background-color: rgb(248,  
228, 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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