

Converting Colors

$Y_{xy}(86.2152, 0.3118, 0.3077)$

Have a look what the booklet for
Yxy(86.2152, 0.3118, 0.3077)
contains.

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Color

Yxy(86.1933, 0.3117, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	FCE9FF
RGB	252, 233, 255
RGB Percent	99%, 91%, 100%
CMY	0.0117, 0.0863, 0.0000
CMYK	0.01, 0.09, 0.00, 0.00
HSL	292°, 100%, 96%
HSV	292°, 9%, 100%
XYZ	87.3422, 86.1933, 106.6768
YIQ	241.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

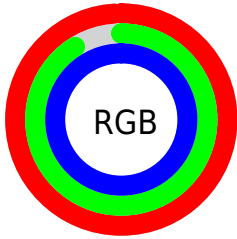
Format	Color
R _Y B	252, 233, 255
Decimal	16574975
CIE Lab	94.39, 10.27, -8.30
CIE LCh	94, 13.205, 321.034
Yxy	86.1933, 0.3117, 0.3076
Android (android.graphics.Color)	4294765055 (0xFFFFCE9FF)
YUV	241.1890, 6.8088, 9.4812
Hunter-Lab	92.8403, 5.4583, -3.1380

Details

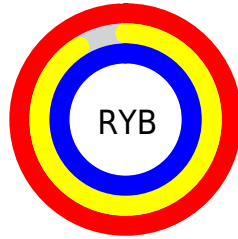
The Yxy color **86.1933, 0.3117, 0.3076** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95.2333, 0.3135, 0.3511**, and the grayscale version is **88.0635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1236, 0.3114, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **72.1443, 0.3103, 0.2819**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

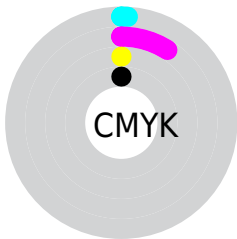
Distribution



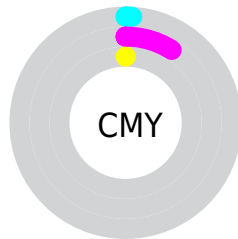
- Red (99%)
- Green (91%)
- Blue (100%)



- Red (99%)
- Yellow (91%)
- Blue (100%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.1933, 0.3117, 0.3076 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 86.1933, 0.3117, 0.3076 by changing the saturation by 10% instead.


 86.1933, 0.3117,
0.3076

 86.1933, 0.3117,
0.3076


515.5684, 0.3122,
0.3171

 64.8278, 0.3116,
0.3055


142.0392, 0.3119,
0.3108

 47.3215, 0.3114,
0.3030


177.2884, 0.3120,
0.3121

 33.2899, 0.3112,
0.2999


217.9343, 0.3120,
0.3132

 22.3486, 0.3109,
0.2960

264.3614, 0.3121,
0.3141

 14.1133, 0.3105,
0.2909

316.9539, 0.3121,
0.3150

 8.1995, 0.3098,
0.2838

376.0963, 0.3122,

 4.2229, 0.3088,

0.3158

0.2736

442.1730, 0.3122,
0.3164

■ 1.7990, 0.3068,
0.2574

■ 0.4865, 0.3077,
0.2100

■ 86.1933, 0.3117,
0.3076

■ 86.1933, 0.3117,
0.3076

■ 72.1443, 0.3103,
0.2819

100.0000, 0.3127,
0.3290

■ 60.1032, 0.3084,
0.2558

■ 49.9754, 0.3062,
0.2301

■ 41.6574, 0.3035,
0.2057

■ 35.0362, 0.3005,
0.1837

■ 29.9857, 0.2973,
0.1652

■ 26.3624, 0.2938,
0.1509

■ 23.9963, 0.2902,
0.1412

■ 22.6450, 0.2867,
0.1356

Harmonies

Analogous

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



86.1933, 0.2973, 0.3036



86.1933, 0.3117, 0.3076



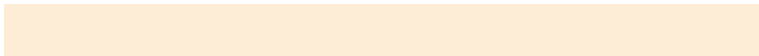
86.1933, 0.3267, 0.3169

Triad

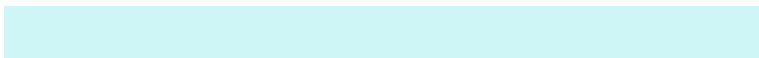
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1933, 0.3117, 0.3076



86.1933, 0.3387, 0.3518



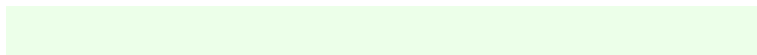
86.1933, 0.2880, 0.3278

Complementary

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



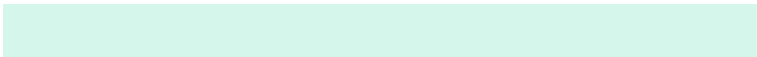
86.1933, 0.3117, 0.3076



95.2333, 0.3135, 0.3511

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.



86.1933, 0.2986, 0.3415



86.1933, 0.3117, 0.3076



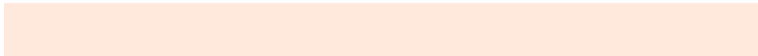
86.1933, 0.3279, 0.3555

Square

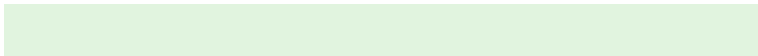
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1933, 0.3117, 0.3076



86.1933, 0.3425, 0.3421



86.1933, 0.3132, 0.3518



86.1933, 0.2838, 0.3148

Rectangle

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



86.1933, 0.3117, 0.3076



86.1933, 0.3349, 0.3251



86.1933, 0.3132, 0.3518



86.1933, 0.2909, 0.3325

Sweetspot

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



86.1942, 0.3117, 0.3076



95.0193, 0.3124, 0.3217



84.7058, 0.2993, 0.3102



20.0601, 0.3123, 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.



86.1942, 0.3117, 0.3076



84.1450, 0.3115, 0.3042



86.2703, 0.3186, 0.3151



18.1680, 0.3116, 0.3054



11.8024, 0.2868, 0.1353



1.1822, 0.2909, 0.1376

Inverse Universe

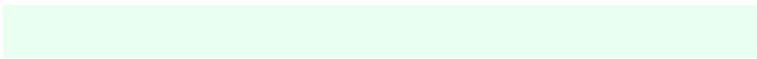
The Inverse Universe completely reimagines the original color for something new.



85.5916, 0.3258, 0.3261



83.4568, 0.3281, 0.3256



95.1761, 0.3073, 0.3433



18.0272, 0.3273, 0.3258



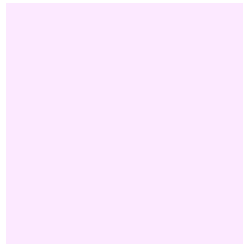
11.1832, 0.6227, 0.3204



1.1006, 0.5970, 0.3062

Previews

White Background



This preview shows how the Yxy color 86.1933, 0.3117, 0.3076 looks on a white background.

Color Contrast Check

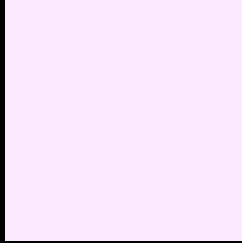
Large Text (above 18pt) WCAG AA × Fail

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 86.1933, 0.3117, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

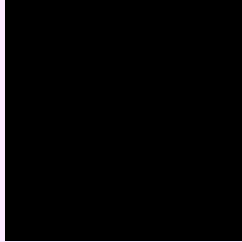
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

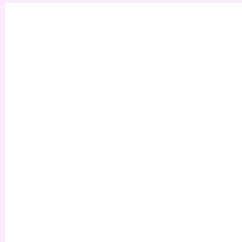
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1933, 0.3117, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 86.1933, 0.3117, 0.3076.

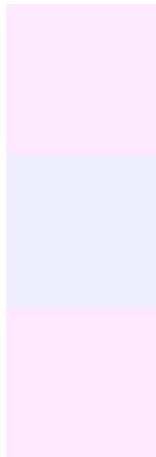


This preview shows how white text looks on a background with the Yxy color 86.1933, 0.3117, 0.3076.

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

86.1933, 0.3117, 0.3076

Protanopia

86.5462, 0.3025, 0.3121

Deuteranopia

86.1932, 0.3138, 0.3068



Tritanopia

86.5694, 0.3135, 0.3115

Trichromacy



Original Color

86.1933, 0.3117, 0.3076

Protanomaly

86.2656, 0.3057, 0.3103

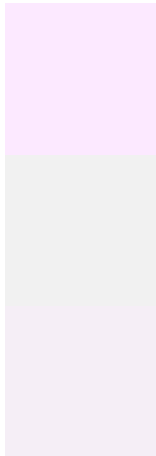
Deuteranomaly

86.0041, 0.3131, 0.3068

Tritanomaly

86.6329, 0.3129, 0.3105

Monochromacy



Original Color

86.1933, 0.3117, 0.3076

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.2154, 0.3124, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1933, 0.3117, 0.3076 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(252, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 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(252, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 86.1933, 0.3117, 0.3076 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(252, 233, 255) }
```

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

```
.border{ border-color:rgb(252, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1933, 0.3117, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 255) }
```

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

```
.background{ background-color: rgb(252,  
233, 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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