

Converting Colors

Yxy(86.9826, 0.3066, 0.3005)

Have a look what the booklet for
Yxy(86.9826, 0.3066, 0.3005)
contains.

Yxy(86.7611, 0.3117, 0.3086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(86.7611, 0.3117, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	FCEAFF
RGB	252, 234, 255
RGB Percent	99%, 92%, 100%
CMY	0.0116, 0.0824, 0.0000
CMYK	0.01, 0.08, 0.00, 0.00
HSL	292°, 100%, 96%
HSV	292°, 8%, 100%
XYZ	87.6326, 86.7611, 106.7505
YIQ	241.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

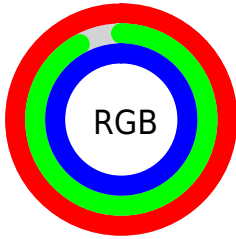
Format	Color
R_{YB}	252, 234, 255
Decimal	16575231
CIE _{Lab}	94.64, 9.76, -7.93
CIE _{LCh}	95, 12.579, 320.904
Yxy	86.7611, 0.3117, 0.3086
Android (android.graphics.Color)	4294765311 (0xFFFCFAFF)
YUV	241.7760, 6.5194, 8.9664
Hunter-Lab	93.1456, 4.9303, -2.7479

Details

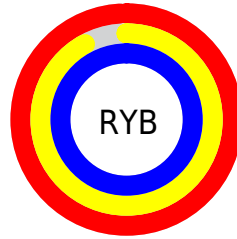
The Yxy color **86.7611, 0.3117, 0.3086** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.4540, 0.3136, 0.3500**, and the grayscale version is **88.5576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5201, 0.3113, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **72.6123, 0.3102, 0.2829**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

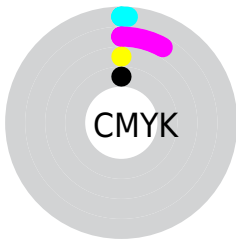
Distribution



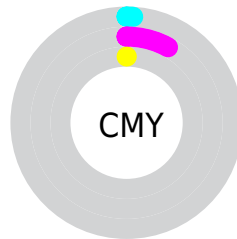
- Red (99%)
- Green (92%)
- Blue (100%)



- Red (99%)
- Yellow (92%)
- Blue (100%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.7611, 0.3117, 0.3086 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 86.7611, 0.3117, 0.3086 by changing the saturation by 10% instead.

 86.7611, 0.3117,
0.3086

 86.7611, 0.3117,
0.3086


517.4375, 0.3122,
0.3176

 65.2975, 0.3116,
0.3066

142.8311, 0.3119,
0.3116

 47.7024, 0.3114,
0.3043


178.2063, 0.3120,
0.3129

 33.5912, 0.3112,
0.3013


218.9875, 0.3120,
0.3139

 22.5798, 0.3109,
0.2976

265.5592, 0.3121,
0.3148

 14.2835, 0.3105,
0.2927

318.3056, 0.3121,
0.3156

 8.3181, 0.3099,
0.2859

377.6112, 0.3122,

 4.2992, 0.3089,

0.3164

0.2762

443.8604, 0.3122,
0.3170

■ 1.8423, 0.3071,
0.2608

■ 0.5133, 0.3076,
0.2174

■ 86.7611, 0.3117,
0.3086

■ 86.7611, 0.3117,
0.3086

■ 72.6123, 0.3102,
0.2829

100.0000, 0.3127,
0.3290

■ 60.4741, 0.3082,
0.2568

■ 50.2539, 0.3059,
0.2309

■ 41.8485, 0.3031,
0.2064

■ 35.1453, 0.3000,
0.1842

■ 30.0188, 0.2966,
0.1655

■ 26.3263, 0.2930,
0.1509

■ 23.8989, 0.2893,
0.1409

■ 22.5042, 0.2856,
0.1352

Harmonies

Analogous

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



86.7611, 0.2980, 0.3049



86.7611, 0.3117, 0.3086



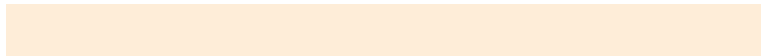
86.7611, 0.3259, 0.3175

Triad

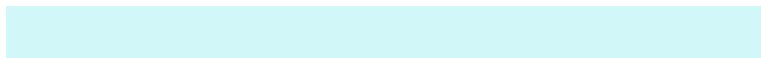
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7611, 0.3117, 0.3086



86.7611, 0.3374, 0.3506



86.7611, 0.2892, 0.3279

Complementary

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



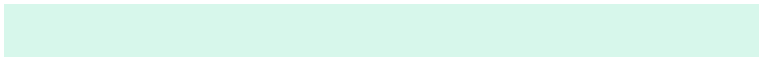
86.7611, 0.3117, 0.3086



95.4540, 0.3136, 0.3500

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.



86.7611, 0.2994, 0.3409



86.7611, 0.3117, 0.3086



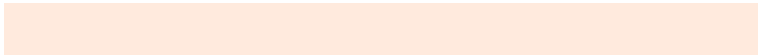
86.7611, 0.3272, 0.3542

Square

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



86.7611, 0.3117, 0.3086



86.7611, 0.3410, 0.3414



86.7611, 0.3132, 0.3506



86.7611, 0.2853, 0.3156

Rectangle

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



86.7611, 0.3117, 0.3086



86.7611, 0.3338, 0.3252



86.7611, 0.3132, 0.3506



86.7611, 0.2920, 0.3324

Sweetspot

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



86.7636, 0.3117, 0.3086



96.6535, 0.3125, 0.3241



85.3600, 0.2999, 0.3111



20.7229, 0.3125, 0.3244



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.



86.7636, 0.3117, 0.3086



84.1228, 0.3115, 0.3042



86.8544, 0.3183, 0.3158



18.1634, 0.3115, 0.3054



11.7065, 0.2856, 0.1347



1.1738, 0.2899, 0.1370

Inverse Universe

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



86.2099, 0.3251, 0.3261



83.4636, 0.3281, 0.3255



95.3818, 0.3075, 0.3426



18.0286, 0.3272, 0.3257



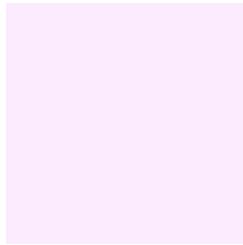
11.1873, 0.6217, 0.3199



1.1012, 0.5956, 0.3055

Previews

White Background



This preview shows how the Yxy color 86.7611, 0.3117, 0.3086 looks on a white background.

Color Contrast Check

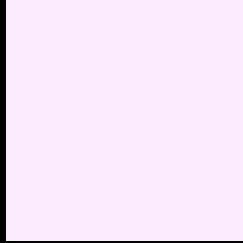
Large Text (above 18pt) WCAG AA × Fail

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 86.7611, 0.3117, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

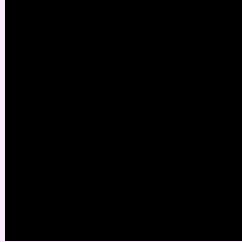
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.7611, 0.3117, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 86.7611, 0.3117, 0.3086.

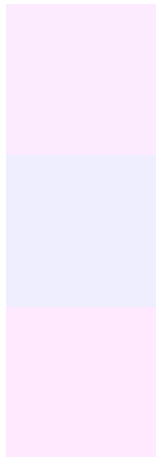


This preview shows how white text looks on a background with the Yxy color 86.7611, 0.3117, 0.3086.

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

86.7611, 0.3117, 0.3086

Protanopia

86.7198, 0.3031, 0.3121

Deuteranopia

86.7578, 0.3137, 0.3078



Tritanopia

86.6329, 0.3129, 0.3105

Trichromacy



Original Color

86.7611, 0.3117, 0.3086

Protanomaly

87.0215, 0.3064, 0.3113

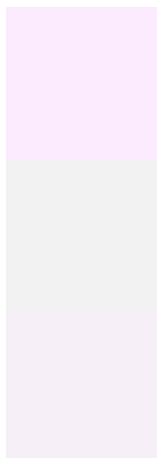
Deuteranomaly

86.5687, 0.3130, 0.3077

Tritanomaly

86.6968, 0.3123, 0.3096

Monochromacy



Original Color

86.7611, 0.3117, 0.3086

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.0412, 0.3124, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.7611, 0.3117, 0.3086 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 86.7611, 0.3117, 0.3086 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, 234, 255) }
```

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

```
.border{ border-color:rgb(252, 234, 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, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 86.7611, 0.3117, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 255) }
```

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

```
.background{ background-color: rgb(252,  
234, 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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