

Converting Colors

$Yxy(84.8304, 0.3079, 0.3113)$

Have a look what the booklet for
Yxy(84.8304, 0.3079, 0.3113)
contains.

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Color

Yxy(84.9286, 0.3076, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	F3EAFC
RGB	243, 234, 252
RGB Percent	95%, 92%, 99%
CMY	0.0471, 0.0823, 0.0119
CMYK	0.04, 0.07, 0.00, 0.01
HSL	270°, 75%, 95%
HSV	270°, 7%, 99%
XYZ	83.9461, 84.9286, 104.0321
YIQ	238.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

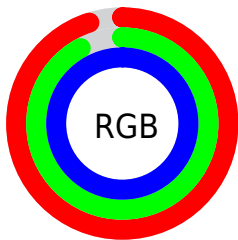
Format	Color
R _Y B	243, 234, 252
Decimal	15985404
CIE Lab	93.85, 6.22, -7.58
CIE LCh	94, 9.810, 309.365
Yxy	84.9286, 0.3076, 0.3112
Android (android.graphics.Color)	4294175484 (0xFF3EAFC)
YUV	238.7430, 6.5357, 3.7334
Hunter-Lab	92.1567, 1.3225, -2.4204

Details

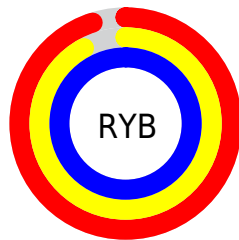
The Yxy color $84.9286, 0.3076, 0.3112$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $94.5930, 0.3176, 0.3468$, and the grayscale version is $86.0542, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.3457, 0.3069, 0.3074$ is the 20% darker color. If you saturate the color by 10%, you get $69.4237, 0.2994, 0.2844$, and if you desaturate by 10%, it is $99.8059, 0.3145, 0.3319$.

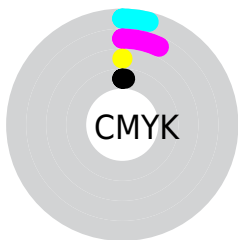
Distribution



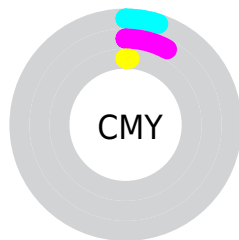
- Red (95%)
- Green (92%)
- Blue (99%)



- Red (95%)
- Yellow (92%)
- Blue (99%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)




- Cyan (5%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9286, 0.3076, 0.3112 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 84.9286, 0.3076, 0.3112 by changing the saturation by 10% instead.

 84.9286, 0.3076,
0.3112

 84.9286, 0.3076,
0.3112

511.3918, 0.3099,
0.3191

 63.7824, 0.3071,
0.3095


140.2734, 0.3084,
0.3139

 46.4744, 0.3064,
0.3073

175.2408, 0.3087,
0.3150

 32.6204, 0.3056,
0.3047


215.5840, 0.3090,
0.3159

 21.8358, 0.3046,
0.3014

261.6875, 0.3092,
0.3167

 13.7363, 0.3031,
0.2969

313.9356, 0.3094,
0.3174

 7.9375, 0.3011,
0.2908

372.7128, 0.3096,

 4.0550, 0.2981,

0.3180

0.2818

438.4034, 0.3098,
0.3186

■ 1.7044, 0.2928,
0.2674

■ 0.4265, 0.2816,
0.2155

■ 84.9286, 0.3076,
0.3112

■ 84.9286, 0.3076,
0.3112

■ 69.4237, 0.2994,
0.2844

99.8059, 0.3145,
0.3319

■ 56.0206, 0.2898,
0.2558

■ 44.6280, 0.2789,
0.2260

■ 35.1436, 0.2669,
0.1960

■ 27.4558, 0.2540,
0.1670

■ 21.4408, 0.2406,
0.1407

■ 16.9588, 0.2273,
0.1185

■ 13.8456, 0.2147,
0.1016

■ 11.8918, 0.2034,
0.0904

Harmonies

Analogous

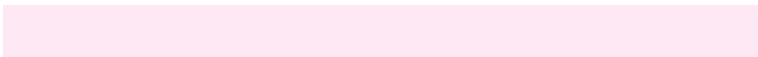
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9286, 0.2978, 0.3101



84.9286, 0.3076, 0.3112



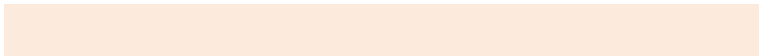
84.9286, 0.3190, 0.3168

Triad

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



84.9286, 0.3076, 0.3112



84.9286, 0.3339, 0.3437



84.9286, 0.2968, 0.3322

Complementary

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



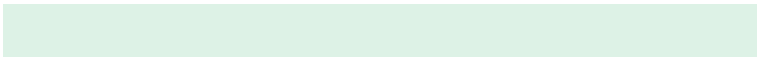
84.9286, 0.3076, 0.3112



94.5930, 0.3176, 0.3468

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.



84.9286, 0.3062, 0.3417



84.9286, 0.3076, 0.3112



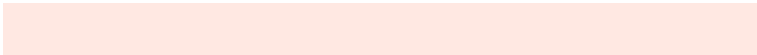
84.9286, 0.3277, 0.3483

Square

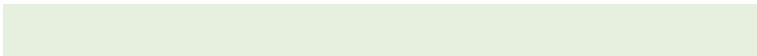
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9286, 0.3076, 0.3112



84.9286, 0.3343, 0.3354



84.9286, 0.3175, 0.3476



84.9286, 0.2916, 0.3220

Rectangle

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



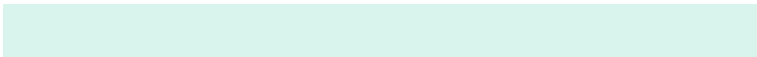
84.9286, 0.3076, 0.3112



84.9286, 0.3259, 0.3224



84.9286, 0.3175, 0.3476



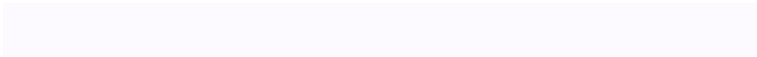
84.9286, 0.2996, 0.3356

Sweetspot

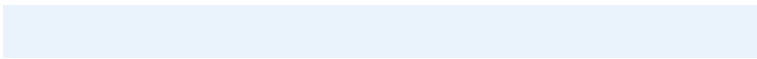
The Sweet Spot groups the original color and five complimentary colors.



84.9322, 0.3076, 0.3112



96.3083, 0.3113, 0.3241



88.7950, 0.3017, 0.3203



20.6526, 0.3114, 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.



84.9322, 0.3076, 0.3112



84.1083, 0.3061, 0.3063



86.5133, 0.3133, 0.3115



17.0690, 0.3058, 0.3050



6.0561, 0.2021, 0.0887



0.6239, 0.2150, 0.0958

Inverse Universe

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



86.0139, 0.3192, 0.3202



85.5047, 0.3210, 0.3178



93.0849, 0.3121, 0.3471



17.3701, 0.3215, 0.3172



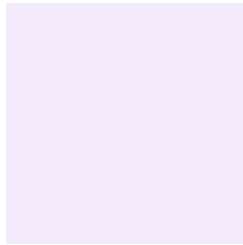
11.5960, 0.4961, 0.2507



1.0954, 0.4695, 0.2360

Previews

White Background



This preview shows how the Yxy color 84.9286, 0.3076, 0.3112 looks on a white background.

Color Contrast Check

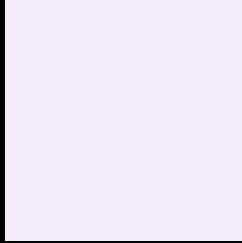
Large Text (above 18pt) WCAG AA × Fail

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 84.9286, 0.3076, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

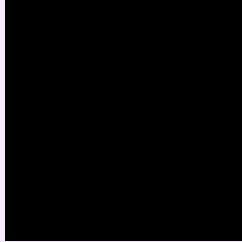
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

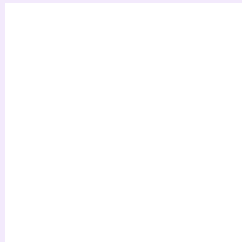
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9286, 0.3076, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 84.9286, 0.3076, 0.3112.



This preview shows how white text looks on a background with the Yxy color 84.9286, 0.3076, 0.3112.

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

84.9286, 0.3076, 0.3112

Protanopia

85.0873, 0.3030, 0.3120

Deuteranopia

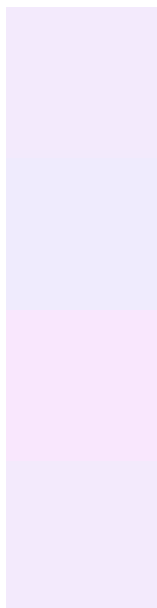
84.5681, 0.3138, 0.3066



Tritanopia

84.9286, 0.3076, 0.3112

Trichromacy



Original Color

84.9286, 0.3076, 0.3112

Protanomaly

84.8592, 0.3044, 0.3110

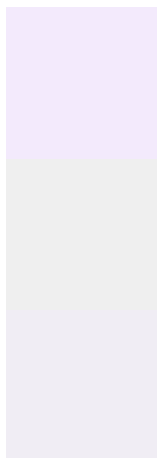
Deuteranomaly

84.3834, 0.3110, 0.3074

Tritanomaly

84.9286, 0.3076, 0.3112

Monochromacy



Original Color

84.9286, 0.3076, 0.3112

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.6253, 0.3104, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9286, 0.3076, 0.3112 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(243, 234, 252) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 252)  
}
```

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(243, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 252) }
```

Border

The CSS property to change the border of an element to Yxy 84.9286, 0.3076, 0.3112 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(243, 234, 252) }
```

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

```
.border{ border-color:rgb(243, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9286, 0.3076, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 252) }
```

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

```
.background{ background-color: rgb(243,  
234, 252) }
```

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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