

Converting Colors

$Y_{xy}(84.3167, 0.3092, 0.3120)$

Have a look what the booklet for
Yxy(84.3167, 0.3092, 0.3120)
contains.

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Color

Yxy(84.4131, 0.3095, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	F4E9FA
RGB	244, 233, 250
RGB Percent	96%, 91%, 98%
CMY	0.0431, 0.0863, 0.0195
CMYK	0.02, 0.07, 0.00, 0.02
HSL	279°, 63%, 95%
HSV	279°, 7%, 98%
XYZ	83.7099, 84.4131, 102.3451
YIQ	238.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

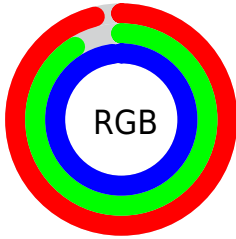
Format	Color
R _Y B	244, 233, 250
Decimal	16050682
CIE Lab	93.63, 6.73, -6.90
CIE LCh	94, 9.638, 314.301
Yxy	84.4131, 0.3095, 0.3121
Android (android.graphics.Color)	4294240762 (0xFF4E9FA)
YUV	238.2270, 5.8041, 5.0629
Hunter-Lab	91.8766, 1.8495, -1.7320

Details

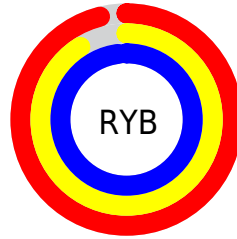
The Yxy color $84.4131, 0.3095, 0.3121$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $92.6233, 0.3157, 0.3461$, and the grayscale version is $85.6435, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.0307, 0.3086, 0.3074$ is the 20% darker color. If you saturate the color by 10%, you get $69.7085, 0.3040, 0.2859$, and if you desaturate by 10%, it is $99.2767, 0.3142, 0.3338$.

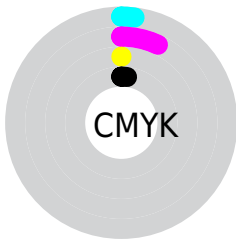
Distribution



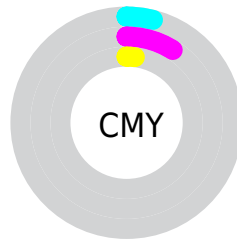
- Red (96%)
- Green (91%)
- Blue (98%)



- Red (96%)
- Yellow (91%)
- Blue (98%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.4131, 0.3095, 0.3121 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 84.4131, 0.3095, 0.3121 by changing the saturation by 10% instead.

84.4131, 0.3095,
0.3121

84.4131, 0.3095,
0.3121

509.6840, 0.3110,
0.3196

63.3566, 0.3092,
0.3104

139.5529, 0.3100,
0.3147

46.1297, 0.3087,
0.3084

174.4049, 0.3102,
0.3157

32.3482, 0.3082,
0.3059

214.6243, 0.3104,
0.3165

21.6276, 0.3075,
0.3027

260.5953, 0.3105,
0.3173

13.5835, 0.3066,
0.2985

312.7024, 0.3107,
0.3180

7.8316, 0.3053,
0.2927

371.3299, 0.3108,

3.9874, 0.3032,

0.3186

0.2841

436.8623, 0.3109,
0.3191

■ 1.6665, 0.2996,
0.2702

■ 0.4018, 0.2925,
0.2151

■ 84.4131, 0.3095,
0.3121

■ 84.4131, 0.3095,
0.3121

■ 69.7085, 0.3040,
0.2859

■ 99.2767, 0.3142,
0.3338

■ 56.9965, 0.2976,
0.2583

■ 99.6838, 0.3156,
0.3337

■ 46.1899, 0.2902,
0.2301

■ 37.1905, 0.2819,
0.2022

■ 29.8915, 0.2729,
0.1757

■ 24.1741, 0.2633,
0.1521

■ 19.9040, 0.2536,
0.1324

■ 16.9238, 0.2441,
0.1176

■ 15.0344, 0.2351,
0.1078

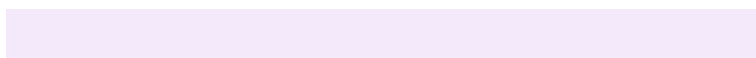
Harmonies

Analogous

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



84.4131, 0.2994, 0.3102



84.4131, 0.3095, 0.3121



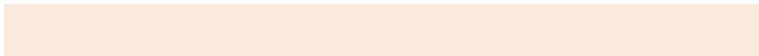
84.4131, 0.3207, 0.3183

Triad

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



84.4131, 0.3095, 0.3121



84.4131, 0.3329, 0.3445



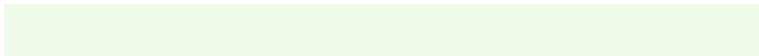
84.4131, 0.2959, 0.3305

Complementary

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



84.4131, 0.3095, 0.3121



92.6233, 0.3157, 0.3461

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.



84.4131, 0.3046, 0.3401



84.4131, 0.3095, 0.3121



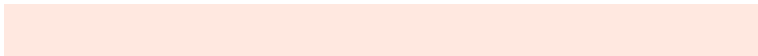
84.4131, 0.3260, 0.3483

Square

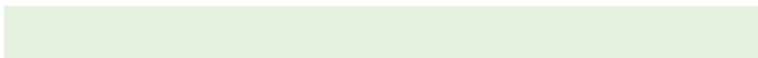
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4131, 0.3095, 0.3121



84.4131, 0.3343, 0.3368



84.4131, 0.3156, 0.3467



84.4131, 0.2916, 0.3206

Rectangle

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



84.4131, 0.3095, 0.3121



84.4131, 0.3272, 0.3240



84.4131, 0.3156, 0.3467



84.4131, 0.2984, 0.3339

Sweetspot

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



84.4167, 0.3095, 0.3121



96.4493, 0.3118, 0.3241



86.1019, 0.3022, 0.3181



20.6813, 0.3119, 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.



84.4167, 0.3095, 0.3121



86.3280, 0.3089, 0.3090



85.3679, 0.3149, 0.3145



17.2002, 0.3081, 0.3052



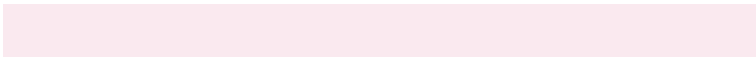
7.8067, 0.2337, 0.1061



0.7823, 0.2441, 0.1119

Inverse Universe

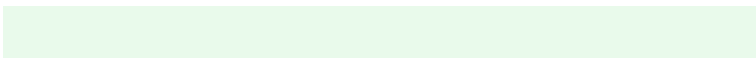
The Inverse Universe completely reimagines the original color for something new.



84.8381, 0.3205, 0.3231



86.8466, 0.3219, 0.3220



91.7252, 0.3106, 0.3439



17.3264, 0.3238, 0.3207



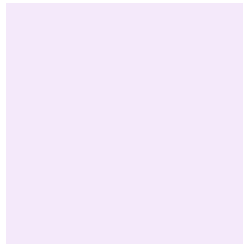
11.1808, 0.5570, 0.2842



1.0548, 0.5240, 0.2660

Previews

White Background



This preview shows how the Yxy color 84.4131, 0.3095, 0.3121 looks on a white background.

Color Contrast Check

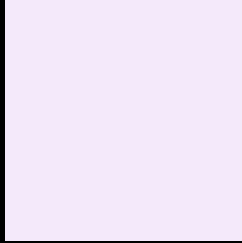
Large Text (above 18pt) WCAG AA × Fail

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 84.4131, 0.3095, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

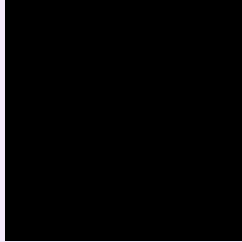
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

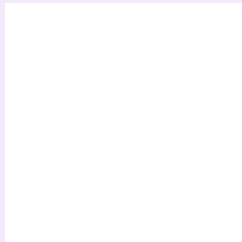
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4131, 0.3095, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 84.4131, 0.3095, 0.3121.



This preview shows how white text looks on a background with the Yxy color 84.4131, 0.3095, 0.3121.

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

84.4131, 0.3095, 0.3121

Protanopia

84.3862, 0.3043, 0.3129

Deuteranopia

84.4413, 0.3150, 0.3085



Tritanopia

84.4760, 0.3089, 0.3112

Trichromacy



Original Color

84.4131, 0.3095, 0.3121

Protanomaly

84.3359, 0.3062, 0.3120

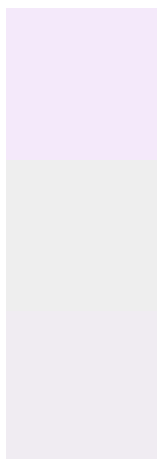
Deuteranomaly

84.4409, 0.3130, 0.3094

Tritanomaly

84.4760, 0.3089, 0.3112

Monochromacy



Original Color

84.4131, 0.3095, 0.3121

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.9270, 0.3117, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4131, 0.3095, 0.3121 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(244, 233, 250)` looks like.

```
.text, #text, p{  
    color:rgb(244, 233, 250)  
}
```

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(244, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 233, 250) }
```

Border

The CSS property to change the border of an element to Yxy 84.4131, 0.3095, 0.3121 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(244, 233, 250) }
```

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

```
.border{ border-color:rgb(244, 233, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 233, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 233,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4131, 0.3095, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 233, 250) }
```

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

```
.background{ background-color: rgb(244,  
233, 250) }
```

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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