

Converting Colors

Yxy(88.0426, 0.3134, 0.3154)

Have a look what the booklet for
Yxy(88.0426, 0.3134, 0.3154)
contains.

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Color

Yxy(88.0426, 0.3134, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	FBEDFB
RGB	251, 237, 251
RGB Percent	98%, 93%, 98%
CMY	0.0156, 0.0706, 0.0158
CMYK	0.00, 0.06, 0.00, 0.02
HSL	300°, 64%, 96%
HSV	300°, 6%, 98%
XYZ	87.4843, 88.0426, 103.6189
YIQ	242.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

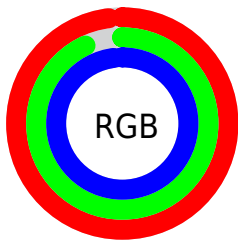
Format	Color
R_{YB}	251, 237, 251
Decimal	16510459
CIE Lab	95.18, 7.15, -5.04
CIE LCh	95, 8.746, 324.847
Yxy	88.0426, 0.3134, 0.3154
Android (android.graphics.Color)	4294700539 (0xFFFFBEDFB)
YUV	242.7820, 4.0515, 7.2072
Hunter-Lab	93.8310, 2.2220, 0.2069

Details

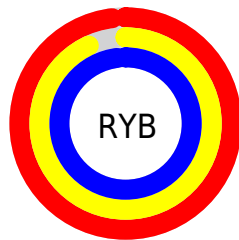
The Yxy color 88.0426, 0.3134, 0.3154 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.1384, 0.3120, 0.3430, and the grayscale version is 89.4145, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.4572, 0.3127, 0.3116 is the 20% darker color. If you saturate the color by 10%, you get 74.5055, 0.3147, 0.2905, and if you desaturate by 10%, it is 99.0061, 0.3125, 0.3328.

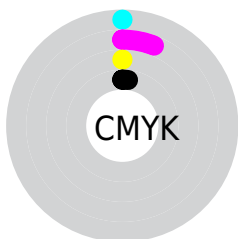
Distribution



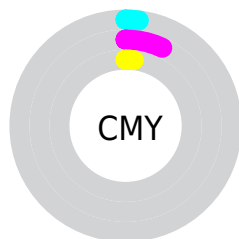
- Red (98%)
- Green (93%)
- Blue (98%)



- Red (98%)
- Yellow (93%)
- Blue (98%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0426, 0.3134, 0.3154 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 88.0426, 0.3134, 0.3154 by changing the saturation by 10% instead.

 88.0426, 0.3134,
0.3154

 88.0426, 0.3134,
0.3154


521.6427, 0.3131,
0.3214

 66.3583, 0.3135,
0.3141


144.6165, 0.3133,
0.3174

 48.5634, 0.3135,
0.3125

180.2749, 0.3133,
0.3182

 34.2732, 0.3136,
0.3105


221.3601, 0.3132,
0.3190

 23.1036, 0.3137,
0.3080

268.2566, 0.3132,
0.3196

 14.6700, 0.3138,
0.3047

321.3487, 0.3132,
0.3201

 8.5881, 0.3139,
0.3001

381.0208, 0.3132,

 4.4735, 0.3140,

0.3206

447.6574, 0.3131,
0.3210

0.2935

1.9418, 0.3141,
0.2829

0.5733, 0.3171,
0.2527

88.0426, 0.3134,
0.3154

88.0426, 0.3134,
0.3154

74.5055, 0.3147,
0.2905

99.0061, 0.3125,
0.3328

62.9154, 0.3159,
0.2654

99.0140, 0.3124,
0.3326

53.1861, 0.3172,
0.2410

99.0218, 0.3124,
0.3325

45.2208, 0.3184,
0.2181

99.0297, 0.3123,
0.3324

38.9136, 0.3195,
0.1979

99.0376, 0.3122,
0.3323

34.1476, 0.3205,
0.1810

99.0455, 0.3121,
0.3322

30.7905, 0.3212,
0.1683

99.0533, 0.3121,
0.3320

28.6879, 0.3217,
0.1600

99.0612, 0.3120,
0.3319

27.6488, 0.3221,
0.1558

99.0691, 0.3119,
0.3318

Harmonies

Analogous

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



88.0426, 0.3037, 0.3123



88.0426, 0.3134, 0.3154



88.0426, 0.3231, 0.3220

Triad

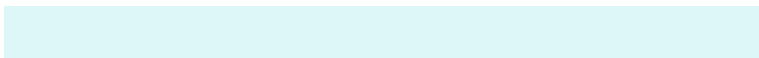
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0426, 0.3134, 0.3154



88.0426, 0.3291, 0.3446



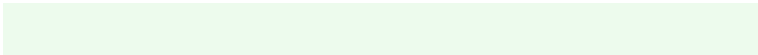
88.0426, 0.2958, 0.3272

Complementary

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



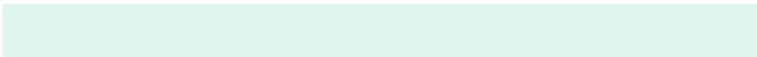
88.0426, 0.3134, 0.3154



93.1384, 0.3120, 0.3430

Split Complementary

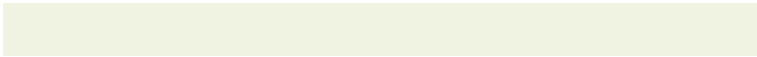
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0426, 0.3024, 0.3361



88.0426, 0.3134, 0.3154



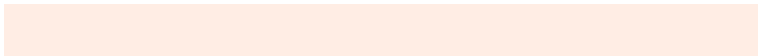
88.0426, 0.3216, 0.3463

Square

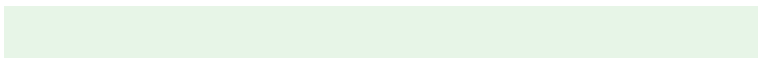
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



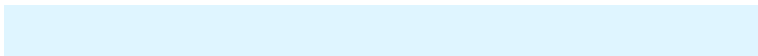
88.0426, 0.3134, 0.3154



88.0426, 0.3322, 0.3387



88.0426, 0.3118, 0.3432



88.0426, 0.2936, 0.3189

Rectangle

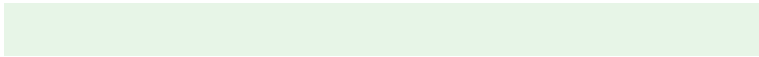
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0426, 0.3134, 0.3154



88.0426, 0.3281, 0.3276



88.0426, 0.3118, 0.3432



88.0426, 0.2975, 0.3302

Sweetspot

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



88.0464, 0.3134, 0.3154



96.7875, 0.3130, 0.3242



85.5397, 0.3042, 0.3149



20.7501, 0.3129, 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.



88.0464, 0.3134, 0.3154



89.1296, 0.3136, 0.3119



87.6163, 0.3177, 0.3221



18.0853, 0.3136, 0.3105



14.4012, 0.3222, 0.1548



1.3343, 0.3220, 0.1547

Inverse Universe

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



88.0464, 0.3134, 0.3154



89.1296, 0.3136, 0.3119



93.5526, 0.3080, 0.3360



18.0853, 0.3136, 0.3105



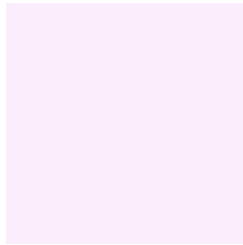
14.4012, 0.3222, 0.1548



1.3343, 0.3220, 0.1547

Previews

White Background



This preview shows how the Yxy color 88.0426, 0.3134, 0.3154 looks on a white background.

Color Contrast Check

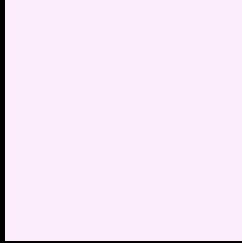
Large Text (above 18pt) WCAG AA × Fail

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 88.0426, 0.3134, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

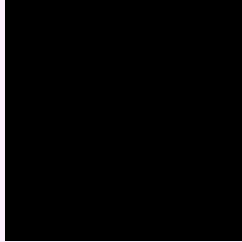
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

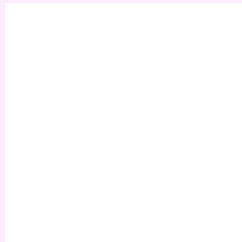
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0426, 0.3134, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 88.0426, 0.3134, 0.3154.



This preview shows how white text looks on a background with the Yxy color 88.0426, 0.3134, 0.3154.

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

88.0426, 0.3134, 0.3154

Protanopia

88.2893, 0.3062, 0.3162

Deuteranopia

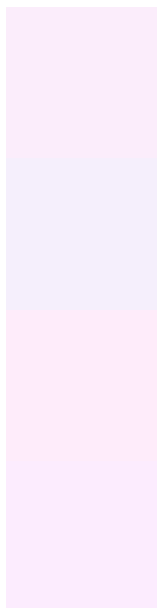
88.0905, 0.3173, 0.3164



Tritanopia

87.9064, 0.3116, 0.3106

Trichromacy



Original Color

88.0426, 0.3134, 0.3154

Protanomaly

88.1738, 0.3088, 0.3162

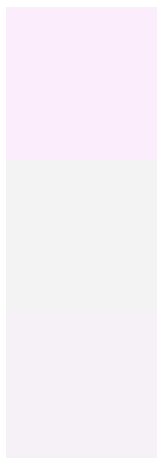
Deuteranomaly

87.9639, 0.3160, 0.3154

Tritanomaly

87.8421, 0.3122, 0.3115

Monochromacy



Original Color

88.0426, 0.3134, 0.3154

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.1572, 0.3129, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0426, 0.3134, 0.3154 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(251, 237, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 251)  
}
```

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(251, 237, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 251) }
```

Border

The CSS property to change the border of an element to Yxy 88.0426, 0.3134, 0.3154 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(251, 237, 251) }
```

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

```
.border{ border-color:rgb(251, 237, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 237, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0426, 0.3134, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 251) }
```

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

```
.background{ background-color: rgb(251,  
237, 251) }
```

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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