

Converting Colors

Yxy(86.9469, 0.3153, 0.3184)

Have a look what the booklet for
Yxy(86.9469, 0.3153, 0.3184)
contains.

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Color

Yxy(87.0303, 0.3152, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	FAECF7
RGB	250, 236, 247
RGB Percent	98%, 93%, 97%
CMY	0.0196, 0.0745, 0.0313
CMYK	0.00, 0.06, 0.01, 0.02
HSL	313°, 58%, 95%
HSV	313°, 6%, 98%
XYZ	86.2098, 87.0303, 100.2681
YIQ	241.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

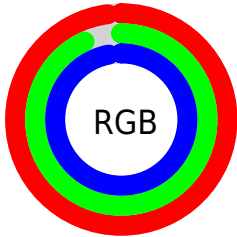
Format	Color
R _Y B	250, 236, 247
Decimal	16444663
CIE Lab	94.75, 6.62, -3.63
CIE LCh	95, 7.551, 331.271
Yxy	87.0303, 0.3152, 0.3182
Android (android.graphics.Color)	4294634743 (0xFFFAECF7)
YUV	241.4400, 2.7411, 7.5071
Hunter-Lab	93.2900, 1.6952, 1.5781

Details

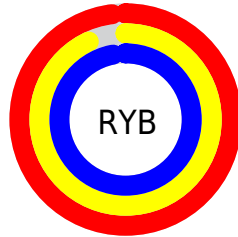
The Yxy color $87.0303, 0.3152, 0.3182$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $92.4338, 0.3103, 0.3400$, and the grayscale version is $88.3058, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $47.8734, 0.3159, 0.3153$ is the 20% darker color. If you saturate the color by 10%, you get $73.3080, 0.3202, 0.2983$, and if you desaturate by 10%, it is $98.8931, 0.3111, 0.3316$.

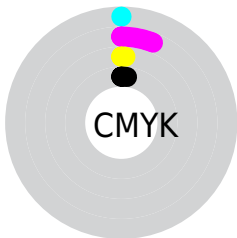
Distribution



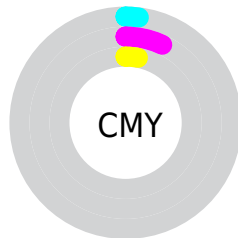
- Red (98%)
- Green (93%)
- Blue (97%)



- Red (98%)
- Yellow (93%)
- Blue (97%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.0303, 0.3152, 0.3182 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 87.0303, 0.3152, 0.3182 by changing the saturation by 10% instead.


 87.0303, 0.3152,
0.3182

 87.0303, 0.3152,
0.3182

518.3224, 0.3141,
0.3230

 65.5203, 0.3154,
0.3171


143.2064, 0.3148,
0.3198

 47.8831, 0.3157,
0.3159

178.6412, 0.3147,
0.3205

 33.7343, 0.3161,
0.3143


219.4865, 0.3146,
0.3210

 22.6896, 0.3165,
0.3122

266.1265, 0.3144,
0.3215

 14.3645, 0.3171,
0.3096

318.9457, 0.3143,
0.3220

 8.3746, 0.3179,
0.3059

378.3285, 0.3143,

 4.3356, 0.3191,

0.3223

0.3004

444.6593, 0.3142,
0.3227

■ 1.8630, 0.3209,
0.2917

■ 0.5260, 0.3285,
0.2612

■ 87.0303, 0.3152,
0.3182

■ 87.0303, 0.3152,
0.3182

■ 73.3080, 0.3202,
0.2983

■ 98.8931, 0.3111,
0.3316

■ 61.5229, 0.3260,
0.2778

■ 99.0634, 0.3096,
0.3290

■ 51.5895, 0.3325,
0.2576

■ 43.4119, 0.3398,
0.2382

■ 36.8854, 0.3477,
0.2208

■ 31.8939, 0.3561,
0.2063

■ 28.3065, 0.3646,
0.1958

■ 25.9702, 0.3730,
0.1899

■ 24.6961, 0.3811,
0.1887

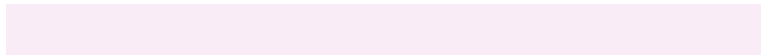
Harmonies

Analogous

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



87.0303, 0.3066, 0.3148



87.0303, 0.3152, 0.3182



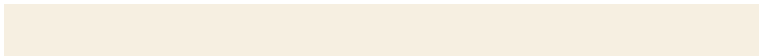
87.0303, 0.3232, 0.3244

Triad

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



87.0303, 0.3152, 0.3182



87.0303, 0.3258, 0.3431



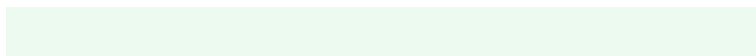
87.0303, 0.2972, 0.3258

Complementary

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



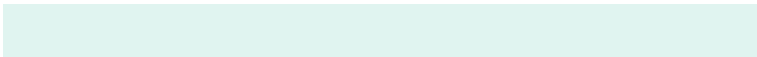
87.0303, 0.3152, 0.3182



92.4338, 0.3103, 0.3400

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.



87.0303, 0.3023, 0.3336



87.0303, 0.3152, 0.3182



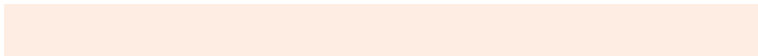
87.0303, 0.3187, 0.3437

Square

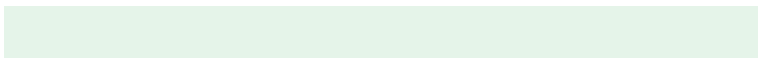
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



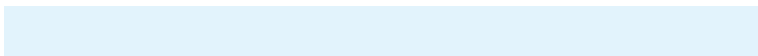
87.0303, 0.3152, 0.3182



87.0303, 0.3294, 0.3388



87.0303, 0.3101, 0.3402



87.0303, 0.2963, 0.3190

Rectangle

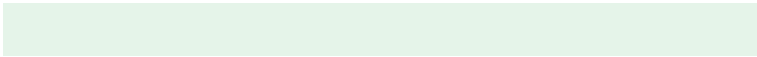
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.0303, 0.3152, 0.3182



87.0303, 0.3271, 0.3294



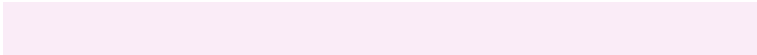
87.0303, 0.3101, 0.3402



87.0303, 0.2985, 0.3284

Sweetspot

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



87.0341, 0.3152, 0.3182



96.7195, 0.3136, 0.3252



85.2122, 0.3060, 0.3150



20.7363, 0.3135, 0.3254



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

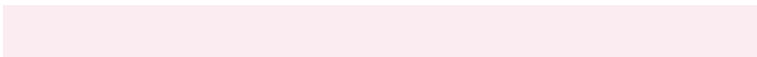
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0341, 0.3152, 0.3182



88.8933, 0.3159, 0.3154



86.6205, 0.3195, 0.3249



18.0329, 0.3161, 0.3143



12.9376, 0.3833, 0.1885



1.2135, 0.3744, 0.1836

Inverse Universe

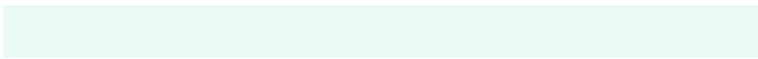
The Inverse Universe completely reimagines the original color for something new.



87.0341, 0.3152, 0.3182



88.8933, 0.3159, 0.3154



92.8446, 0.3064, 0.3332



18.0329, 0.3161, 0.3143



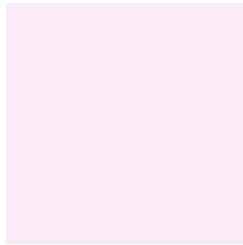
12.9376, 0.3833, 0.1885



1.2135, 0.3744, 0.1836

Previews

White Background



This preview shows how the Yxy color 87.0303, 0.3152, 0.3182 looks on a white background.

Color Contrast Check

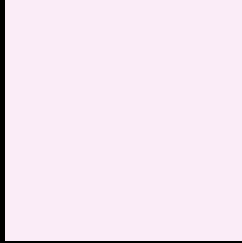
Large Text (above 18pt) WCAG AA × Fail

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 87.0303, 0.3152, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

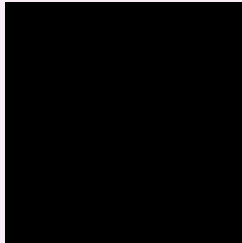
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

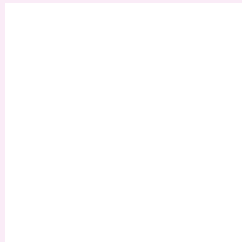
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.0303, 0.3152, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 87.0303, 0.3152, 0.3182.

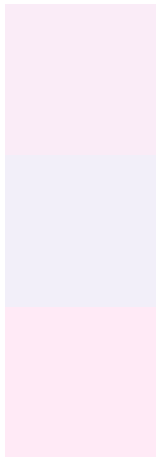


This preview shows how white text looks on a background with the Yxy color 87.0303, 0.3152, 0.3182.

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

87.0303, 0.3152, 0.3182

Protanopia

87.4498, 0.3086, 0.3191

Deuteranopia

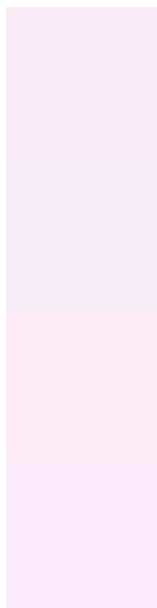
86.7595, 0.3193, 0.3173



Tritanopia

87.0177, 0.3122, 0.3115

Trichromacy



Original Color

87.0303, 0.3152, 0.3182

Protanomaly

87.3389, 0.3112, 0.3191

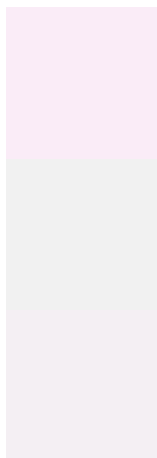
Deuteranomaly

86.9531, 0.3179, 0.3183

Tritanomaly

86.8909, 0.3134, 0.3134

Monochromacy



Original Color

87.0303, 0.3152, 0.3182

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.4372, 0.3136, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.0303, 0.3152, 0.3182 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(250, 236, 247) looks like.

```
.text, #text, p{  
    color:rgb(250, 236, 247)  
}
```

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(250, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 236, 247) }
```

Border

The CSS property to change the border of an element to Yxy 87.0303, 0.3152, 0.3182 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(250, 236, 247) }
```

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

```
.border{ border-color:rgb(250, 236, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 236, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 236, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 236, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 236,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 87.0303, 0.3152, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 236, 247) }
```

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

```
.background{ background-color: rgb(250,  
236, 247) }
```

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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