

Converting Colors

Yxy(86.2047, 0.3111, 0.3114)

Have a look what the booklet for
Yxy(86.2047, 0.3111, 0.3114)
contains.

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Color

Yxy(86.0136, 0.3115, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	F9EAFC
RGB	249, 234, 252
RGB Percent	98%, 92%, 99%
CMY	0.0238, 0.0822, 0.0118
CMYK	0.01, 0.07, 0.00, 0.01
HSL	290°, 75%, 95%
HSV	290°, 7%, 99%
XYZ	86.0412, 86.0136, 104.1610
YIQ	240.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

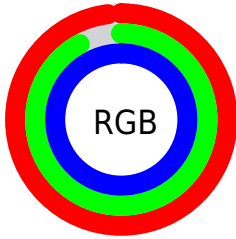
Format	Color
R_{YB}	249, 234, 252
Decimal	16378620
CIE _{Lab}	94.32, 8.17, -6.86
CIE _{LCh}	94, 10.671, 319.979
Y _{xy}	86.0136, 0.3115, 0.3114
Android (android.graphics.Color)	4294568700 (0xFFF9E AFC)
Y _{UV}	240.5370, 5.6513, 7.4221
Hunter-Lab	92.7435, 3.2992, -1.6686

Details

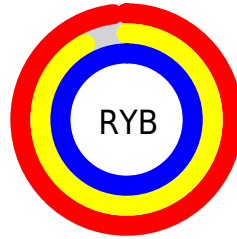
The Yxy color $86.0136, 0.3115, 0.3114$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $93.5839, 0.3138, 0.3470$, and the grayscale version is $87.5292, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $47.1184, 0.3120, 0.3078$ is the 20% darker color. If you saturate the color by 10%, you get $71.8907, 0.3094, 0.2857$, and if you desaturate by 10%, it is $99.4748, 0.3133, 0.3319$.

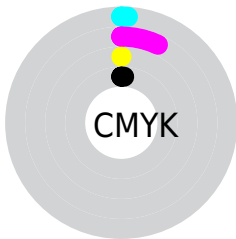
Distribution



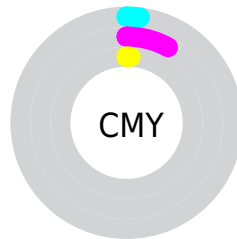
- Red (98%)
- Green (92%)
- Blue (99%)



- Red (98%)
- Yellow (92%)
- Blue (99%)



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





- Cyan (2%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0136, 0.3115, 0.3114 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 86.0136, 0.3115, 0.3114 by changing the saturation by 10% instead.

 86.0136, 0.3115,
0.3114

 86.0136, 0.3115,
0.3114


514.9761, 0.3121,
0.3192

 64.6792, 0.3114,
0.3097

141.7885, 0.3117,
0.3140

 47.2010, 0.3112,
0.3076


176.9977, 0.3118,
0.3151

 33.1946, 0.3110,
0.3050


217.6008, 0.3119,
0.3160

 22.2756, 0.3107,
0.3018

263.9820, 0.3119,
0.3168

 14.0595, 0.3102,
0.2975

316.5257, 0.3120,
0.3175

 8.1621, 0.3096,
0.2915

375.6163, 0.3120,

 4.1988, 0.3086,

0.3181

0.2829

441.6383, 0.3121,
0.3187

■ 1.7854, 0.3068,
0.2691

■ 0.4780, 0.3066,
0.2242

■ 86.0136, 0.3115,
0.3114

■ 86.0136, 0.3115,
0.3114

■ 71.8907, 0.3094,
0.2857

■ 99.4748, 0.3133,
0.3319

■ 59.7372, 0.3069,
0.2594

■ 99.8082, 0.3144,
0.3319

■ 49.4648, 0.3038,
0.2331

■ 40.9744, 0.3003,
0.2080

■ 34.1575, 0.2964,
0.1849

■ 28.8939, 0.2921,
0.1651

■ 25.0469, 0.2876,
0.1494

■ 22.4562, 0.2830,
0.1382

■ 20.9158, 0.2785,
0.1315

Harmonies

Analogous

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



86.0136, 0.2999, 0.3084



86.0136, 0.3115, 0.3114



86.0136, 0.3236, 0.3189

Triad

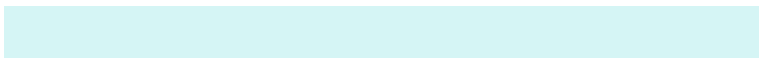
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0136, 0.3115, 0.3114



86.0136, 0.3339, 0.3472



86.0136, 0.2929, 0.3285

Complementary

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



86.0136, 0.3115, 0.3114



93.5839, 0.3138, 0.3470

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.



86.0136, 0.3017, 0.3394



86.0136, 0.3115, 0.3114



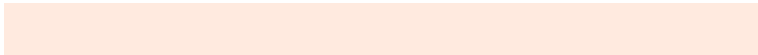
86.0136, 0.3254, 0.3503

Square

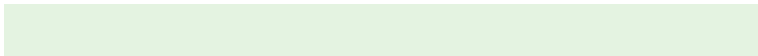
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



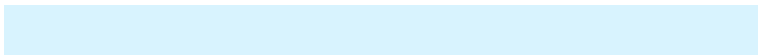
86.0136, 0.3115, 0.3114



86.0136, 0.3367, 0.3394



86.0136, 0.3136, 0.3475



86.0136, 0.2893, 0.3179

Rectangle

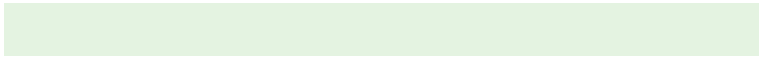
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0136, 0.3115, 0.3114



86.0136, 0.3303, 0.3255



86.0136, 0.3136, 0.3475



86.0136, 0.2953, 0.3323

Sweetspot

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



86.0173, 0.3115, 0.3114



96.6243, 0.3124, 0.3241



85.2815, 0.3017, 0.3142



20.7169, 0.3124, 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.



86.0173, 0.3115, 0.3114



85.4856, 0.3111, 0.3067



86.2302, 0.3171, 0.3170



17.3658, 0.3111, 0.3054



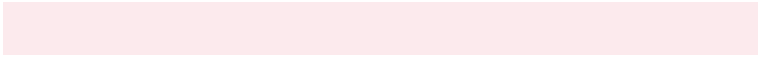
10.7764, 0.2780, 0.1305



1.0364, 0.2834, 0.1335

Inverse Universe

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



85.6776, 0.3230, 0.3260



85.0557, 0.3259, 0.3252



93.3923, 0.3086, 0.3413



17.2736, 0.3267, 0.3250



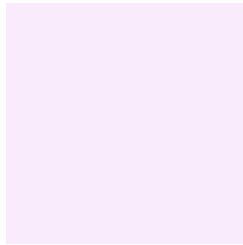
10.8860, 0.6150, 0.3162



1.0214, 0.5852, 0.2997

Previews

White Background



This preview shows how the Yxy color 86.0136, 0.3115, 0.3114 looks on a white background.

Color Contrast Check

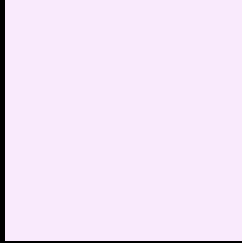
Large Text (above 18pt) WCAG AA × Fail

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 86.0136, 0.3115, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

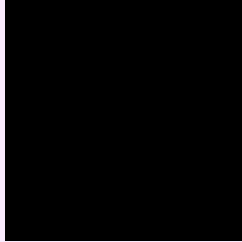
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

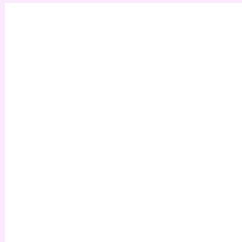
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0136, 0.3115, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 86.0136, 0.3115, 0.3114.

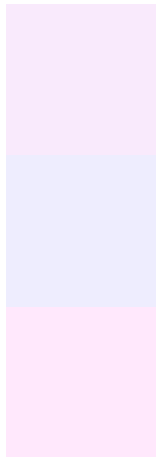


This preview shows how white text looks on a background with the Yxy color 86.0136, 0.3115, 0.3114.

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

86.0136, 0.3115, 0.3114

Protanopia

85.9013, 0.3031, 0.3120

Deuteranopia

86.0015, 0.3156, 0.3096



Tritanopia

86.0136, 0.3115, 0.3114

Trichromacy



Original Color

86.0136, 0.3115, 0.3114

Protanomaly

85.9600, 0.3063, 0.3122

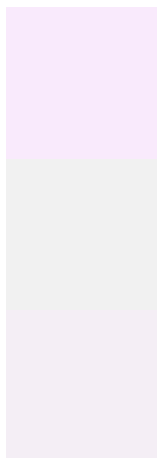
Deuteranomaly

86.1887, 0.3143, 0.3105

Tritanomaly

86.0136, 0.3115, 0.3114

Monochromacy



Original Color

86.0136, 0.3115, 0.3114

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

86.9747, 0.3124, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0136, 0.3115, 0.3114 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 $rgb(249, 234, 252)$ looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 252) }
```

Border

The CSS property to change the border of an element to Yxy 86.0136, 0.3115, 0.3114 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(249, 234, 252) }
```

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

```
.border{ border-color:rgb(249, 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(249, 234, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0136, 0.3115, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 252) }
```

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

```
.background{ background-color: rgb(249,  
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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