

Converting Colors

$Yxy(85.8378, 0.3077, 0.3063)$

Have a look what the booklet for
Yxy(85.8378, 0.3077, 0.3063)
contains.

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Color

Yxy(86.0221, 0.3090, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	F8EAFF
RGB	248, 234, 255
RGB Percent	97%, 92%, 100%
CMY	0.0277, 0.0822, 0.0001
CMYK	0.03, 0.08, 0.00, 0.00
HSL	280°, 100%, 96%
HSV	280°, 8%, 100%
XYZ	86.1615, 86.0221, 106.6563
YIQ	240.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

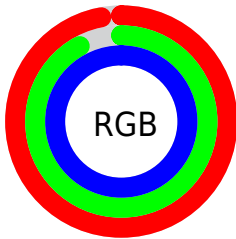
Format	Color
R_{YB}	248, 234, 255
Decimal	16313087
CIE _{Lab}	94.32, 8.38, -8.42
CIE _{LCh}	94, 11.879, 314.879
Yxy	86.0221, 0.3090, 0.3085
Android (android.graphics.Color)	4294503167 (0xFF8EAFF)
YUV	240.5800, 7.1091, 6.5073
Hunter-Lab	92.7481, 3.5145, -3.2572

Details

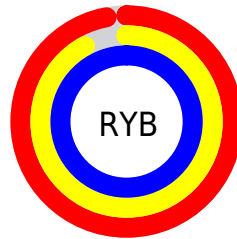
The Yxy color **86.0221, 0.3090, 0.3085** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.1699, 0.3161, 0.3498**, and the grayscale version is **87.5528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1245, 0.3088, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **71.0000, 0.3037, 0.2821**, and if you desaturate by 10%, it is **99.9990, 0.3127, 0.3290**.

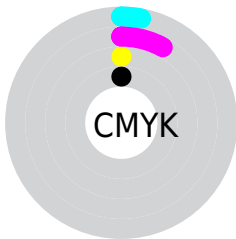
Distribution



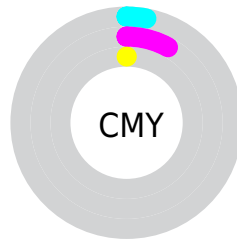
- Red (97%)
- Green (92%)
- Blue (100%)



- Red (97%)
- Yellow (92%)
- Blue (100%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0221, 0.3090, 0.3085 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 86.0221, 0.3090, 0.3085 by changing the saturation by 10% instead.


 86.0221, 0.3090,
0.3085

 86.0221, 0.3090,
0.3085


515.0041, 0.3107,
0.3176

 64.6862, 0.3086,
0.3065


141.8003, 0.3096,
0.3116

 47.2067, 0.3081,
0.3041


177.0115, 0.3098,
0.3128

 33.1991, 0.3075,
0.3011


217.6166, 0.3100,
0.3139

 22.2790, 0.3067,
0.2973

263.9999, 0.3102,
0.3148

 14.0621, 0.3056,
0.2924

316.5459, 0.3104,
0.3156

 8.1638, 0.3041,
0.2855

375.6390, 0.3105,

 4.2000, 0.3017,

0.3163

0.2756

441.6636, 0.3106,
0.3170

■ 1.7860, 0.2975,
0.2598

■ 0.4784, 0.2924,
0.2122

■ 86.0221, 0.3090,
0.3085

■ 86.0221, 0.3090,
0.3085

■ 71.0000, 0.3037,
0.2821

99.9990, 0.3127,
0.3290

■ 58.0460, 0.2975,
0.2544

■ 47.0676, 0.2903,
0.2264

■ 37.9608, 0.2823,
0.1988

■ 30.6120, 0.2736,
0.1730

■ 24.8949, 0.2644,
0.1501

■ 20.6657, 0.2551,
0.1314

■ 17.7549, 0.2461,
0.1176

■ 15.9292, 0.2374,
0.1087

Harmonies

Analogous

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



86.0221, 0.2966, 0.3061



86.0221, 0.3090, 0.3085



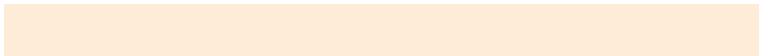
86.0221, 0.3227, 0.3161

Triad

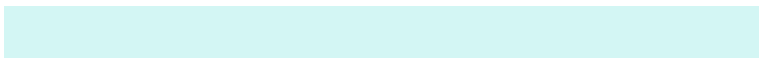
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0221, 0.3090, 0.3085



86.0221, 0.3374, 0.3481



86.0221, 0.2920, 0.3305

Complementary

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



86.0221, 0.3090, 0.3085



96.1699, 0.3161, 0.3498

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.



86.0221, 0.3025, 0.3425



86.0221, 0.3090, 0.3085



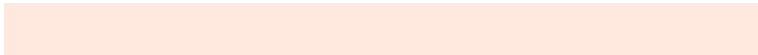
86.0221, 0.3288, 0.3527

Square

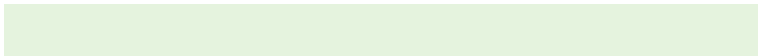
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0221, 0.3090, 0.3085



86.0221, 0.3393, 0.3386



86.0221, 0.3160, 0.3507



86.0221, 0.2869, 0.3185

Rectangle

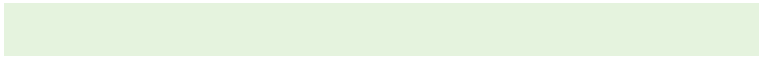
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0221, 0.3090, 0.3085



86.0221, 0.3306, 0.3231



86.0221, 0.3160, 0.3507



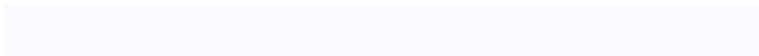
86.0221, 0.2950, 0.3347

Sweetspot

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



86.0258, 0.3090, 0.3085



96.4646, 0.3119, 0.3241



87.8444, 0.3000, 0.3154



20.6844, 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.



86.0258, 0.3090, 0.3085



83.2021, 0.3081, 0.3039



87.1396, 0.3156, 0.3118



17.9759, 0.3084, 0.3052



8.2691, 0.2373, 0.1081



0.8652, 0.2469, 0.1134

Inverse Universe

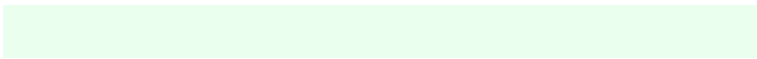
The Inverse Universe completely reimagines the original color for something new.



86.4778, 0.3224, 0.3221



83.7543, 0.3248, 0.3206



95.1329, 0.3099, 0.3468



18.0881, 0.3241, 0.3210



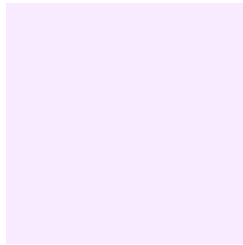
11.4841, 0.5633, 0.2877



1.1376, 0.5315, 0.2702

Previews

White Background



This preview shows how the Yxy color 86.0221, 0.3090, 0.3085 looks on a white background.

Color Contrast Check

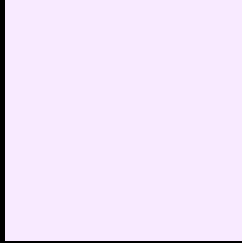
Large Text (above 18pt) WCAG AA × Fail

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 86.0221, 0.3090, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

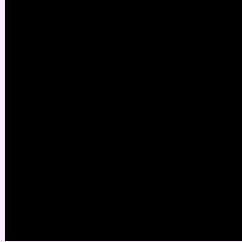
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

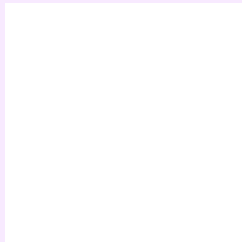
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0221, 0.3090, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 86.0221, 0.3090, 0.3085.

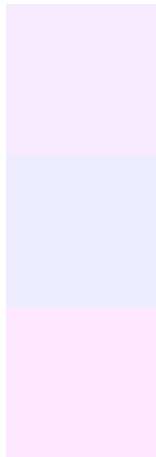


This preview shows how white text looks on a background with the Yxy color 86.0221, 0.3090, 0.3085.

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

86.0221, 0.3090, 0.3085

Protanopia

85.9655, 0.3025, 0.3111

Deuteranopia

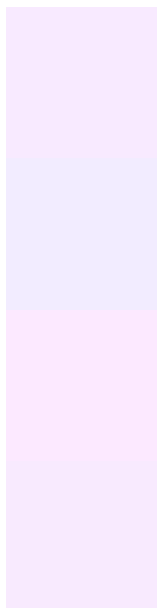
86.0041, 0.3131, 0.3068



Tritanopia

85.8939, 0.3103, 0.3104

Trichromacy



Original Color

86.0221, 0.3090, 0.3085

Protanomaly

86.0882, 0.3051, 0.3102

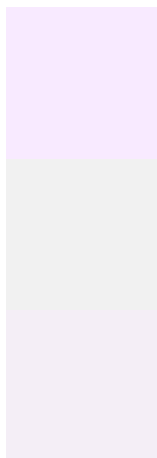
Deuteranomaly

86.1933, 0.3117, 0.3076

Tritanomaly

85.9579, 0.3097, 0.3094

Monochromacy



Original Color

86.0221, 0.3090, 0.3085

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.0360, 0.3118, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0221, 0.3090, 0.3085 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(248, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 234, 255)  
}
```

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(248, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 86.0221, 0.3090, 0.3085 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(248, 234, 255) }
```

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

```
.border{ border-color:rgb(248, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 234,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0221, 0.3090, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 234, 255) }
```

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

```
.background{ background-color: rgb(248,  
234, 255) }
```

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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