

Converting Colors

$Y_{xy}(85.2209, 0.3102, 0.3066)$

Have a look what the booklet for
Yxy(85.2209, 0.3102, 0.3066)
contains.

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Color

Yxy(85.2572, 0.3104, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	FAE8FF
RGB	250, 232, 255
RGB Percent	98%, 91%, 100%
CMY	0.0198, 0.0901, 0.0001
CMYK	0.02, 0.09, 0.00, 0.00
HSL	287°, 100%, 95%
HSV	287°, 9%, 100%
XYZ	86.3139, 85.2572, 106.5020
YIQ	240.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

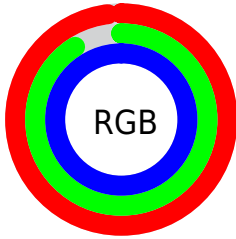
Format	Color
R_{YB}	250, 232, 255
Decimal	16443647
CIE _{Lab}	93.99, 10.08, -8.89
CIE _{LCh}	94, 13.438, 318.601
Yxy	85.2572, 0.3104, 0.3066
Android (android.graphics.Color)	4294633727 (0xFFFAE8FF)
YUV	240.0040, 7.3930, 8.7665
Hunter-Lab	92.3348, 5.2745, -3.7526

Details

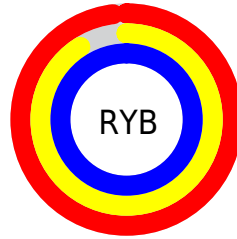
The Yxy color 85.2572, 0.3104, 0.3066 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.3551, 0.3148, 0.3520, and the grayscale version is 87.0769, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 46.4653, 0.3097, 0.3016 is the 20% darker color. If you saturate the color by 10%, you get 70.9112, 0.3073, 0.2805, and if you desaturate by 10%, it is 99.9991, 0.3127, 0.3290.

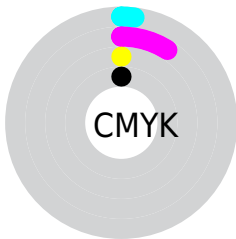
Distribution



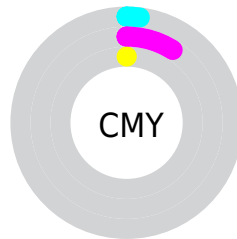
- Red (98%)
- Green (91%)
- Blue (100%)



- Red (98%)
- Yellow (91%)
- Blue (100%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2572, 0.3104, 0.3066 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 85.2572, 0.3104, 0.3066 by changing the saturation by 10% instead.


 85.2572, 0.3104,
0.3066

 85.2572, 0.3104,
0.3066


512.4787, 0.3115,
0.3165

 64.0539, 0.3101,
0.3044


140.7325, 0.3108,
0.3100

 46.6943, 0.3098,
0.3018


175.7732, 0.3109,
0.3113

 32.7941, 0.3094,
0.2986


216.1953, 0.3111,
0.3124

 21.9688, 0.3088,
0.2944

262.3831, 0.3112,
0.3135

 13.8339, 0.3081,
0.2890

314.7209, 0.3113,
0.3144

 8.0053, 0.3069,
0.2816

373.5932, 0.3114,

 4.0983, 0.3052,

0.3152

0.2707

439.3843, 0.3114,
0.3159

■ 1.7287, 0.3020,
0.2536

■ 0.4421, 0.3004,
0.1994

■ 85.2572, 0.3104,
0.3066

■ 85.2572, 0.3104,
0.3066

■ 70.9112, 0.3073,
0.2805

99.9991, 0.3127,
0.3290

■ 58.5854, 0.3036,
0.2537

■ 48.1874, 0.2992,
0.2270

■ 39.6132, 0.2943,
0.2014

■ 32.7493, 0.2889,
0.1780

■ 27.4687, 0.2831,
0.1578

■ 23.6270, 0.2771,
0.1419

■ 21.0526, 0.2712,
0.1307

■ 19.4926, 0.2654,
0.1238

Harmonies

Analogous

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



85.2572, 0.2959, 0.3031



85.2572, 0.3104, 0.3066



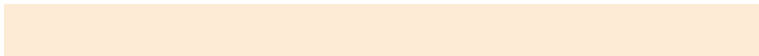
85.2572, 0.3258, 0.3157

Triad

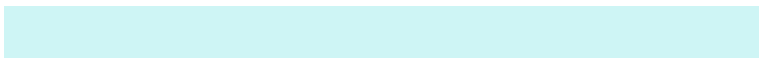
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2572, 0.3104, 0.3066



85.2572, 0.3399, 0.3516



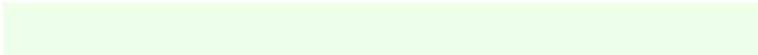
85.2572, 0.2881, 0.3289

Complementary

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



85.2572, 0.3104, 0.3066



95.3551, 0.3148, 0.3520

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.



85.2572, 0.2994, 0.3428



85.2572, 0.3104, 0.3066



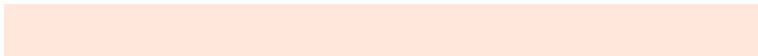
85.2572, 0.3293, 0.3560

Square

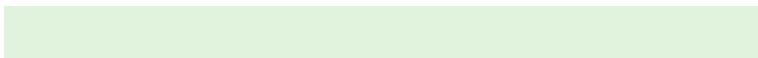
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2572, 0.3104, 0.3066



85.2572, 0.3431, 0.3414



85.2572, 0.3144, 0.3529



85.2572, 0.2833, 0.3155

Rectangle

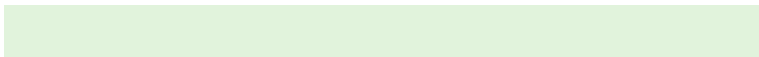
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2572, 0.3104, 0.3066



85.2572, 0.3345, 0.3239



85.2572, 0.3144, 0.3529



85.2572, 0.2913, 0.3337

Sweetspot

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



85.2609, 0.3104, 0.3066



94.8986, 0.3120, 0.3217



85.1700, 0.2987, 0.3113



20.0275, 0.3118, 0.3197



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.



85.2609, 0.3104, 0.3066



82.2414, 0.3098, 0.3015



85.8164, 0.3176, 0.3127



18.0874, 0.3103, 0.3053



10.1864, 0.2657, 0.1238



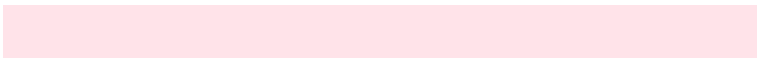
1.0392, 0.2723, 0.1274

Inverse Universe

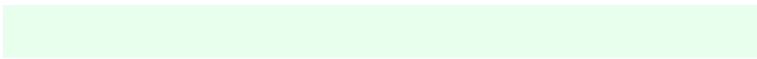
The Inverse Universe completely reimagines the original color for something new.



85.1037, 0.3252, 0.3241



82.0602, 0.3283, 0.3230



94.8533, 0.3081, 0.3459



18.0524, 0.3260, 0.3238



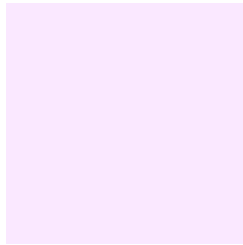
11.2759, 0.6026, 0.3093



1.1133, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 85.2572, 0.3104, 0.3066 looks on a white background.

Color Contrast Check

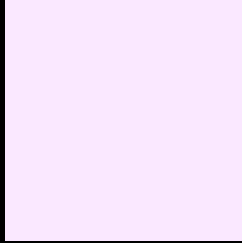
Large Text (above 18pt) WCAG AA × Fail

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 85.2572, 0.3104, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

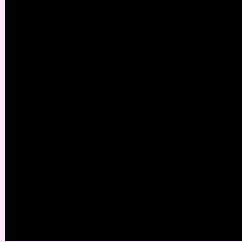
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

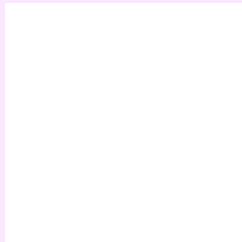
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2572, 0.3104, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 85.2572, 0.3104, 0.3066.

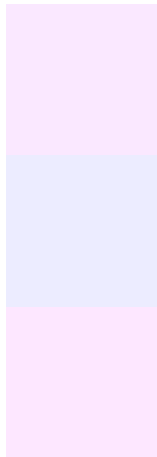


This preview shows how white text looks on a background with the Yxy color 85.2572, 0.3104, 0.3066.

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

85.2572, 0.3104, 0.3066

Protanopia

85.0438, 0.3012, 0.3100

Deuteranopia

85.2545, 0.3125, 0.3057



Tritanopia

85.3826, 0.3122, 0.3113

Trichromacy



Original Color

85.2572, 0.3104, 0.3066

Protanomaly

85.3374, 0.3044, 0.3092

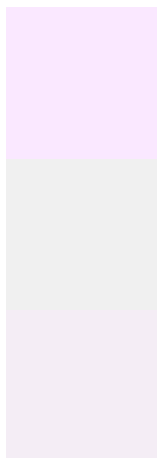
Deuteranomaly

85.0673, 0.3118, 0.3057

Tritanomaly

85.4458, 0.3116, 0.3104

Monochromacy



Original Color

85.2572, 0.3104, 0.3066

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.3940, 0.3124, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2572, 0.3104, 0.3066 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, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 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(250, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.2572, 0.3104, 0.3066 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, 232, 255) }
```

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

```
.border{ border-color:rgb(250, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2572, 0.3104, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 255) }
```

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

```
.background{ background-color: rgb(250,  
232, 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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