

Converting Colors

Yxy(85.0162, 0.3129, 0.3096)

Have a look what the booklet for
Yxy(85.0162, 0.3129, 0.3096)
contains.

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Color

Yxy(85.2507, 0.3130, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	FBE8FC
RGB	251, 232, 252
RGB Percent	98%, 91%, 99%
CMY	0.0156, 0.0902, 0.0119
CMYK	0.00, 0.08, 0.00, 0.01
HSL	297°, 77%, 95%
HSV	297°, 8%, 99%
XYZ	86.2148, 85.2507, 103.9811
YIQ	239.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

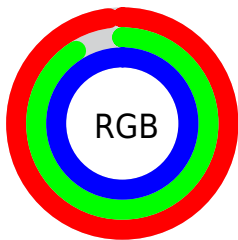
Format	Color
R_{YB}	251, 232, 252
Decimal	16509180
CIE _{Lab}	93.99, 9.91, -7.31
CIE _{LCh}	94, 12.314, 323.568
Yxy	85.2507, 0.3130, 0.3095
Android (android.graphics.Color)	4294699260 (0xFFFFBE8FC)
YUV	239.9610, 5.9352, 9.6812
Hunter-Lab	92.3313, 5.0954, -2.1389

Details

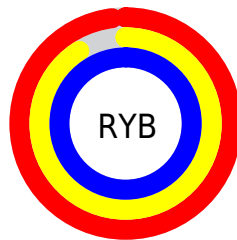
The Yxy color 85.2507, 0.3130, 0.3095 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.7423, 0.3124, 0.3492, and the grayscale version is 87.0592, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 46.4601, 0.3130, 0.3053 is the 20% darker color. If you saturate the color by 10%, you get 71.8517, 0.3133, 0.2842, and if you desaturate by 10%, it is 99.2824, 0.3127, 0.3319.

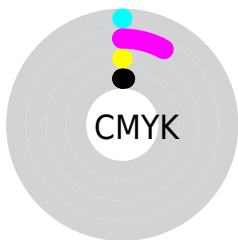
Distribution



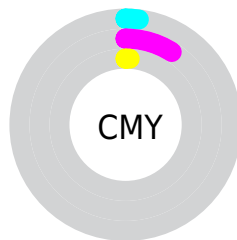
- Red (98%)
- Green (91%)
- Blue (99%)



- Red (98%)
- Yellow (91%)
- Blue (99%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)




- Cyan (2%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2507, 0.3130, 0.3095 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 85.2507, 0.3130, 0.3095 by changing the saturation by 10% instead.

 85.2507, 0.3130,
0.3095

 85.2507, 0.3130,
0.3095

512.4573, 0.3129,
0.3181

 64.0485, 0.3130,
0.3076


140.7234, 0.3130,
0.3124

 46.6900, 0.3130,
0.3053


175.7627, 0.3130,
0.3136

 32.7907, 0.3130,
0.3025


216.1832, 0.3130,
0.3146

 21.9661, 0.3130,
0.2988

262.3693, 0.3130,
0.3155

 13.8320, 0.3129,
0.2941

314.7053, 0.3130,
0.3163

 8.0039, 0.3127,
0.2875

373.5758, 0.3129,

 4.0975, 0.3124,

0.3170

0.2780

439.3649, 0.3129,
0.3176

■ 1.7282, 0.3117,
0.2628

■ 0.4418, 0.3157,
0.2108

■ 85.2507, 0.3130,
0.3095

■ 85.2507, 0.3130,
0.3095

■ 71.8517, 0.3133,
0.2842

■ 99.2824, 0.3127,
0.3319

■ 60.3978, 0.3134,
0.2587

■ 99.5049, 0.3135,
0.3319

■ 50.8005, 0.3134,
0.2340

■ 99.7288, 0.3142,
0.3319

■ 42.9601, 0.3132,
0.2108

■ 99.8064, 0.3145,
0.3319

■ 36.7675, 0.3127,
0.1903

■ 32.1013, 0.3121,
0.1734

■ 28.8238, 0.3113,
0.1607

■ 26.7721, 0.3103,
0.1524

■ 25.7267, 0.3092,
0.1482

Harmonies

Analogous

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



85.2507, 0.2993, 0.3053



85.2507, 0.3130, 0.3095



85.2507, 0.3269, 0.3186

Triad

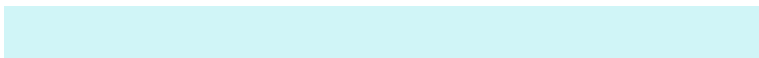
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2507, 0.3130, 0.3095



85.2507, 0.3364, 0.3509



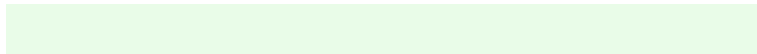
85.2507, 0.2889, 0.3268

Complementary

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



85.2507, 0.3130, 0.3095



92.7423, 0.3124, 0.3492

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.



85.2507, 0.2985, 0.3397



85.2507, 0.3130, 0.3095



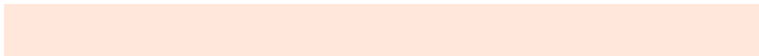
85.2507, 0.3259, 0.3537

Square

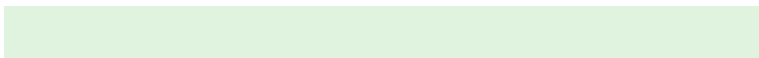
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



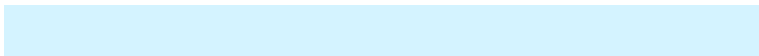
85.2507, 0.3130, 0.3095



85.2507, 0.3406, 0.3422



85.2507, 0.3120, 0.3497



85.2507, 0.2857, 0.3149

Rectangle

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



85.2507, 0.3130, 0.3095



85.2507, 0.3343, 0.3264



85.2507, 0.3120, 0.3497



85.2507, 0.2915, 0.3312

Sweetspot

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



85.2544, 0.3130, 0.3095



96.7436, 0.3128, 0.3241



82.4590, 0.3004, 0.3097



20.7412, 0.3128, 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.



85.2544, 0.3130, 0.3095



84.5687, 0.3131, 0.3043



84.8732, 0.3193, 0.3182



17.4805, 0.3130, 0.3056



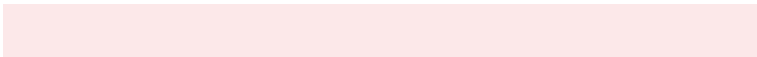
13.3421, 0.3091, 0.1477



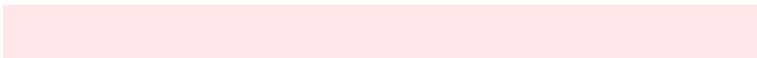
1.2482, 0.3106, 0.1485

Inverse Universe

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



84.2829, 0.3258, 0.3281



83.3284, 0.3296, 0.3279



93.1084, 0.3066, 0.3400



17.2385, 0.3287, 0.3279



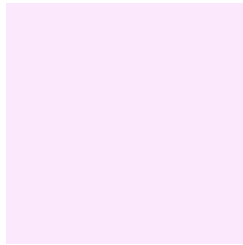
10.8000, 0.6353, 0.3273



1.0048, 0.6236, 0.3209

Previews

White Background



This preview shows how the Yxy color 85.2507, 0.3130, 0.3095 looks on a white background.

Color Contrast Check

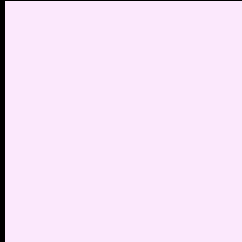
Large Text (above 18pt) WCAG AA × Fail

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 85.2507, 0.3130, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

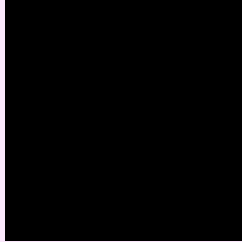
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

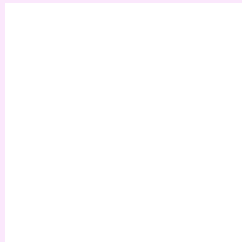
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2507, 0.3130, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 85.2507, 0.3130, 0.3095.

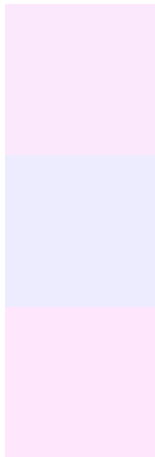


This preview shows how white text looks on a background with the Yxy color 85.2507, 0.3130, 0.3095.

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

85.2507, 0.3130, 0.3095

Protanopia

85.2154, 0.3019, 0.3100

Deuteranopia

85.2509, 0.3150, 0.3086



Tritanopia

85.1875, 0.3136, 0.3104

Trichromacy



Original Color

85.2507, 0.3130, 0.3095

Protanomaly

85.4497, 0.3057, 0.3102

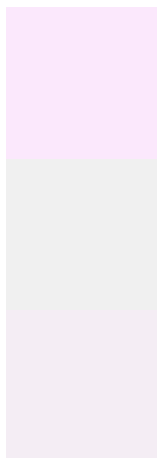
Deuteranomaly

85.0627, 0.3143, 0.3086

Tritanomaly

85.1875, 0.3136, 0.3104

Monochromacy



Original Color

85.2507, 0.3130, 0.3095

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.3331, 0.3130, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2507, 0.3130, 0.3095 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, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(251, 232, 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(251, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 232, 252) }
```

Border

The CSS property to change the border of an element to Yxy 85.2507, 0.3130, 0.3095 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, 232, 252) }
```

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

```
.border{ border-color:rgb(251, 232, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 232, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(251, 232,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2507, 0.3130, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 232, 252) }
```

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

```
.background{ background-color: rgb(251,  
232, 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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