

Converting Colors

Yxy(84.4231, 0.3156, 0.3122)

Have a look what the booklet for
Yxy(84.4231, 0.3156, 0.3122)
contains.

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Color

Yxy(84.4384, 0.3155, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	FBE7F8
RGB	251, 231, 248
RGB Percent	98%, 91%, 97%
CMY	0.0157, 0.0941, 0.0273
CMYK	0.00, 0.08, 0.01, 0.02
HSL	309°, 71%, 95%
HSV	309°, 8%, 98%
XYZ	85.3036, 84.4384, 100.6339
YIQ	238.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

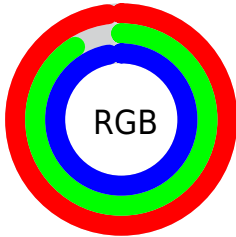
Format	Color
R _Y B	251, 231, 248
Decimal	16508920
CIE Lab	93.64, 9.71, -5.78
CIE LCh	94, 11.297, 329.225
Yxy	84.4384, 0.3155, 0.3123
Android (android.graphics.Color)	4294699000 (0xFFFB E7F8)
YUV	238.9180, 4.4774, 10.5959
Hunter-Lab	91.8904, 4.8968, -0.6083

Details

The Yxy color **84.4384, 0.3155, 0.3123** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.9167, 0.3100, 0.3463**, and the grayscale version is **86.2128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.9350, 0.3155, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **71.1563, 0.3195, 0.2907**, and if you desaturate by 10%, it is **99.0397, 0.3121, 0.3321**.

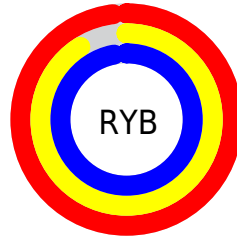
Distribution



Red (98%)

Green (91%)

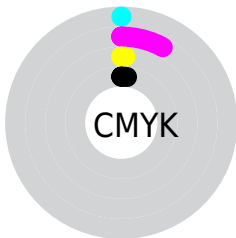
Blue (97%)



Red (98%)

Yellow (91%)

Blue (97%)

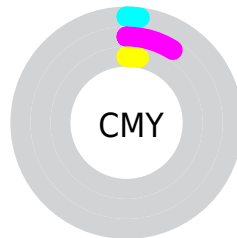


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (2%)



Cyan (2%)


Magenta (9%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.4384, 0.3155, 0.3123 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 84.4384, 0.3155, 0.3123 by changing the saturation by 10% instead.

 84.4384, 0.3155,
0.3123

 84.4384, 0.3155,
0.3123


509.7679, 0.3143,
0.3197

 63.3775, 0.3158,
0.3107


139.5883, 0.3151,
0.3148

 46.1466, 0.3161,
0.3087


174.4460, 0.3149,
0.3158

 32.3615, 0.3164,
0.3062


214.6714, 0.3148,
0.3167

 21.6378, 0.3169,
0.3031

260.6489, 0.3147,
0.3174

 13.5910, 0.3175,
0.2989

312.7629, 0.3146,
0.3181

 7.8368, 0.3184,
0.2932

371.3978, 0.3145,

 3.9907, 0.3195,

0.3187

0.2848

436.9380, 0.3144,
0.3193

■ 1.6683, 0.3212,
0.2713

■ 0.4030, 0.3323,
0.2160

■ 84.4384, 0.3155,
0.3123

■ 84.4384, 0.3155,
0.3123

■ 71.1563, 0.3195,
0.2907

■ 99.0397, 0.3121,
0.3321

■ 59.8043, 0.3239,
0.2687

■ 99.2474, 0.3102,
0.3290

■ 50.2946, 0.3289,
0.2473

■ 42.5284, 0.3342,
0.2271

■ 36.3976, 0.3399,
0.2093

■ 31.7819, 0.3457,
0.1949

■ 28.5448, 0.3514,
0.1846

■ 26.5249, 0.3569,
0.1788

■ 25.5038, 0.3621,
0.1774

Harmonies

Analogous

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



84.4384, 0.3026, 0.3075



84.4384, 0.3155, 0.3123



84.4384, 0.3279, 0.3214

Triad

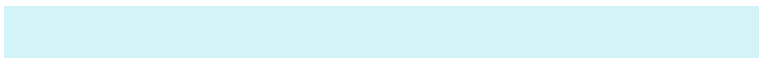
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4384, 0.3155, 0.3123



84.4384, 0.3331, 0.3501



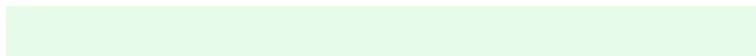
84.4384, 0.2898, 0.3248

Complementary

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



84.4384, 0.3155, 0.3123



91.9167, 0.3100, 0.3463

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.



84.4384, 0.2976, 0.3367



84.4384, 0.3155, 0.3123



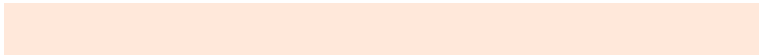
84.4384, 0.3225, 0.3515

Square

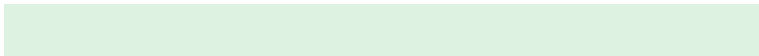
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



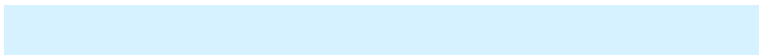
84.4384, 0.3155, 0.3123



84.4384, 0.3381, 0.3430



84.4384, 0.3096, 0.3466



84.4384, 0.2879, 0.3143

Rectangle

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



84.4384, 0.3155, 0.3123



84.4384, 0.3341, 0.3287



84.4384, 0.3096, 0.3466



84.4384, 0.2918, 0.3287

Sweetspot

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



84.4421, 0.3155, 0.3123



96.7405, 0.3134, 0.3249



81.5565, 0.3021, 0.3087



20.7406, 0.3134, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

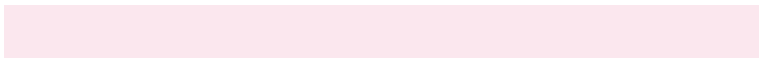
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4421, 0.3155, 0.3123



84.5550, 0.3163, 0.3079



83.8554, 0.3217, 0.3218



17.4778, 0.3161, 0.3090



13.3455, 0.3623, 0.1770



1.2477, 0.3566, 0.1738

Inverse Universe

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



84.4421, 0.3155, 0.3123



84.5550, 0.3163, 0.3079



92.4894, 0.3045, 0.3364



17.4778, 0.3161, 0.3090



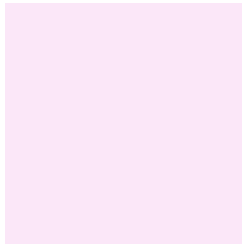
13.3455, 0.3623, 0.1770



1.2477, 0.3566, 0.1738

Previews

White Background



This preview shows how the Yxy color 84.4384, 0.3155, 0.3123 looks on a white background.

Color Contrast Check

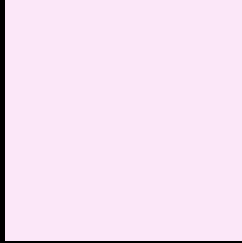
Large Text (above 18pt) WCAG AA × Fail

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 84.4384, 0.3155, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

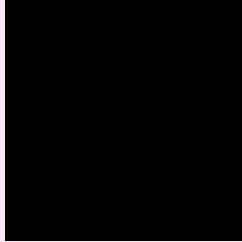
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

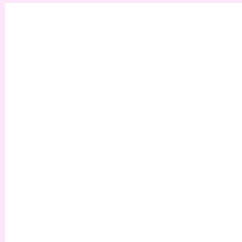
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4384, 0.3155, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 84.4384, 0.3155, 0.3123.



This preview shows how white text looks on a background with the Yxy color 84.4384, 0.3155, 0.3123.

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

84.4384, 0.3155, 0.3123

Protanopia

84.3862, 0.3043, 0.3129

Deuteranopia

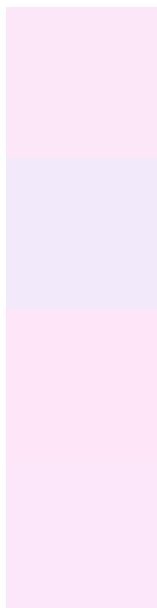
84.6309, 0.3183, 0.3115



Tritanopia

84.5006, 0.3149, 0.3114

Trichromacy



Original Color

84.4384, 0.3155, 0.3123

Protanomaly

84.6250, 0.3082, 0.3131

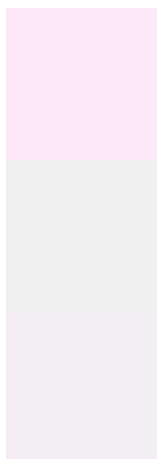
Deuteranomaly

84.4418, 0.3176, 0.3115

Tritanomaly

84.5006, 0.3149, 0.3114

Monochromacy



Original Color

84.4384, 0.3155, 0.3123

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.4564, 0.3137, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4384, 0.3155, 0.3123 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, 231, 248)` looks like.

```
.text, #text, p{  
    color:rgb(251, 231, 248)  
}
```

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, 231, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 231, 248) }
```

Border

The CSS property to change the border of an element to Yxy 84.4384, 0.3155, 0.3123 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, 231, 248) }
```

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

```
.border{ border-color:rgb(251, 231, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 231, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 231, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 231, 248);  
box-shadow:4px 4px 4px 4px rgb(251, 231,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4384, 0.3155, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 231, 248) }
```

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

```
.background{ background-color: rgb(251,  
231, 248) }
```

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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