

Converting Colors

Yxy(84.6803, 0.3138, 0.3129)

Have a look what the booklet for
Yxy(84.6803, 0.3138, 0.3129)
contains.

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Color

Yxy(84.6303, 0.3141, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8F8
RGB	249, 232, 248
RGB Percent	98%, 91%, 97%
CMY	0.0238, 0.0901, 0.0275
CMYK	0.00, 0.07, 0.00, 0.02
HSL	303°, 58%, 94%
HSV	303°, 7%, 98%
XYZ	84.8464, 84.6303, 100.6487
YIQ	238.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

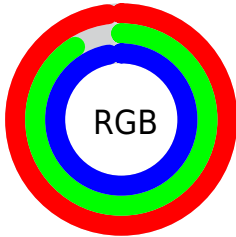
Format	Color
R_{YB}	249, 232, 248
Decimal	16378104
CIE _{Lab}	93.72, 8.49, -5.65
CIE _{LCh}	94, 10.193, 326.357
Yxy	84.6303, 0.3141, 0.3133
Android (android.graphics.Color)	4294568184 (0xFFFF9E8F8)
YUV	238.9070, 4.4828, 8.8516
Hunter-Lab	91.9947, 3.6391, -0.4711

Details

The Yxy color **84.6303, 0.3141, 0.3133** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.7559, 0.3113, 0.3452**, and the grayscale version is **86.1978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1939, 0.3145, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **71.5080, 0.3163, 0.2896**, and if you desaturate by 10%, it is **98.5121, 0.3122, 0.3344**.

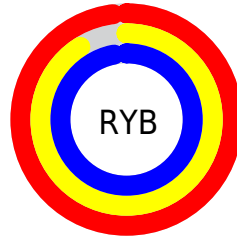
Distribution



Red (98%)

Green (91%)

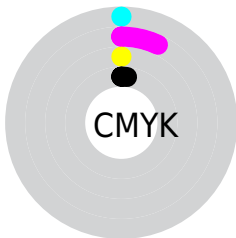
Blue (97%)



Red (98%)

Yellow (91%)

Blue (97%)

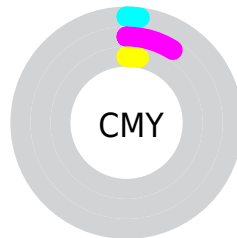


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.6303, 0.3141, 0.3133 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 84.6303, 0.3141, 0.3133 by changing the saturation by 10% instead.

 84.6303, 0.3141,
0.3133

 84.6303, 0.3141,
0.3133


510.4039, 0.3135,
0.3203

 63.5360, 0.3142,
0.3118


139.8565, 0.3139,
0.3157

 46.2749, 0.3144,
0.3099


174.7572, 0.3138,
0.3166

 32.4628, 0.3145,
0.3076


215.0288, 0.3138,
0.3174

 21.7153, 0.3147,
0.3046

261.0557, 0.3137,
0.3181

 13.6478, 0.3150,
0.3007

313.2222, 0.3137,
0.3188

 7.8761, 0.3154,
0.2953

371.9128, 0.3136,

 4.0158, 0.3158,

0.3193

0.2874

437.5120, 0.3136,
0.3198

1.6824, 0.3163,
0.2746

0.4122, 0.3229,
0.2222

84.6303, 0.3141,
0.3133

84.6303, 0.3141,
0.3133

71.5080, 0.3163,
0.2896

98.5121, 0.3122,
0.3344

60.2847, 0.3187,
0.2656

98.6010, 0.3114,
0.3330

50.8753, 0.3212,
0.2423

98.6906, 0.3106,
0.3317

43.1838, 0.3239,
0.2205

98.7808, 0.3098,
0.3303

■ 37.1055, 0.3265,
0.2012

■ 98.8681, 0.3090,
0.3290

■ 32.5242, 0.3290,
0.1853

■ 29.3082, 0.3314,
0.1735

■ 27.3029, 0.3335,
0.1661

■ 26.3129, 0.3354,
0.1630

Harmonies

Analogous

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



84.6303, 0.3026, 0.3094



84.6303, 0.3141, 0.3133



84.6303, 0.3254, 0.3212

Triad

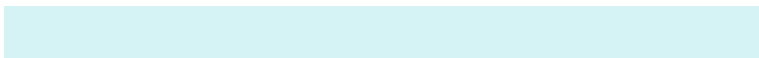
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6303, 0.3141, 0.3133



84.6303, 0.3317, 0.3476



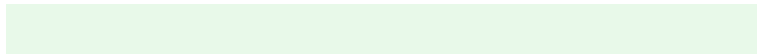
84.6303, 0.2925, 0.3262

Complementary

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



84.6303, 0.3141, 0.3133



90.7559, 0.3113, 0.3452

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.



84.6303, 0.3000, 0.3369



84.6303, 0.3141, 0.3133



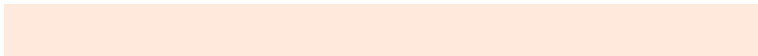
84.6303, 0.3227, 0.3494

Square

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



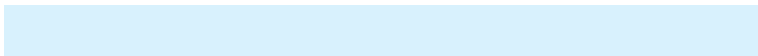
84.6303, 0.3141, 0.3133



84.6303, 0.3357, 0.3409



84.6303, 0.3110, 0.3455



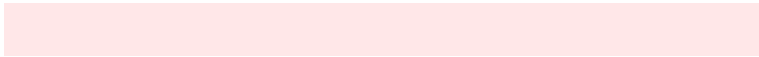
84.6303, 0.2902, 0.3166

Rectangle

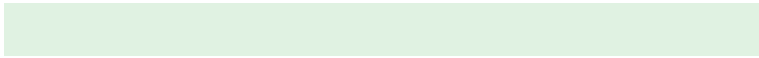
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.6303, 0.3141, 0.3133



84.6303, 0.3313, 0.3278



84.6303, 0.3110, 0.3455



84.6303, 0.2944, 0.3298

Sweetspot

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



84.6340, 0.3141, 0.3133



96.7704, 0.3131, 0.3244



81.8683, 0.3028, 0.3118



20.7467, 0.3131, 0.3246



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.



84.6340, 0.3141, 0.3133



87.5933, 0.3144, 0.3104



84.1280, 0.3194, 0.3215



17.5065, 0.3147, 0.3069



13.9934, 0.3357, 0.1623



1.3011, 0.3338, 0.1612

Inverse Universe

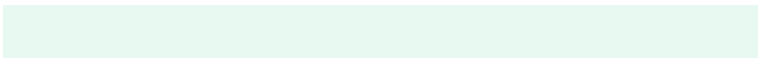
The Inverse Universe completely reimagines the original color for something new.



84.6340, 0.3141, 0.3133



87.5933, 0.3144, 0.3104



91.2437, 0.3065, 0.3367



17.5065, 0.3147, 0.3069



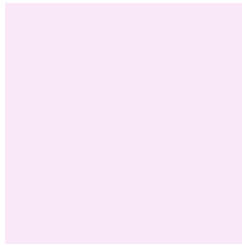
13.9934, 0.3357, 0.1623



1.3011, 0.3338, 0.1612

Previews

White Background



This preview shows how the Yxy color 84.6303, 0.3141, 0.3133 looks on a white background.

Color Contrast Check

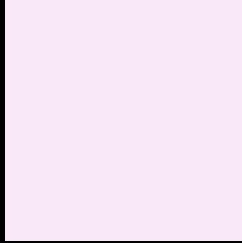
Large Text (above 18pt) WCAG AA × Fail

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 84.6303, 0.3141, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

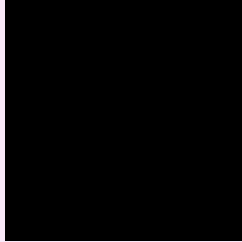
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

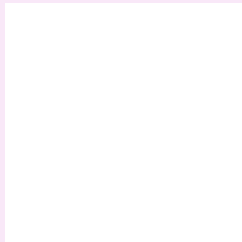
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.6303, 0.3141, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 84.6303, 0.3141, 0.3133.



This preview shows how white text looks on a background with the Yxy color 84.6303, 0.3141, 0.3133.

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

84.6303, 0.3141, 0.3133

Protanopia

84.8976, 0.3048, 0.3149

Deuteranopia

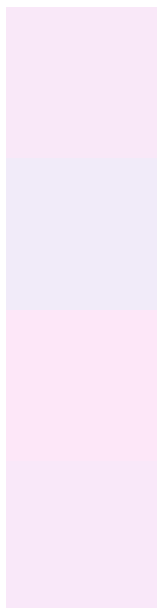
84.6309, 0.3183, 0.3115



Tritanopia

84.7551, 0.3129, 0.3113

Trichromacy



Original Color

84.6303, 0.3141, 0.3133

Protanomaly

84.9570, 0.3081, 0.3150

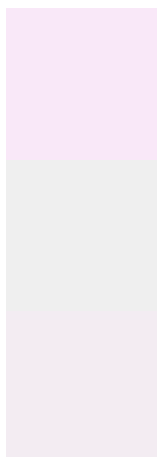
Deuteranomaly

84.8118, 0.3169, 0.3124

Tritanomaly

84.6925, 0.3135, 0.3123

Monochromacy



Original Color

84.6303, 0.3141, 0.3133

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 84.6303, 0.3141, 0.3133 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, 232, 248)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 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(249, 232, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 248) }
```

Border

The CSS property to change the border of an element to Yxy 84.6303, 0.3141, 0.3133 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, 232, 248) }
```

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

```
.border{ border-color:rgb(249, 232, 248) }
```

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

Here you see how a box with a 4 pixel rgb(249, 232, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6303, 0.3141, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 248) }
```

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

```
.background{ background-color: rgb(249,  
232, 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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