

Converting Colors

Yxy(84.4658, 0.3124, 0.3126)

Have a look what the booklet for
Yxy(84.4658, 0.3124, 0.3126)
contains.

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Color

Yxy(84.3269, 0.3122, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	F7E8F9
RGB	247, 232, 249
RGB Percent	97%, 91%, 98%
CMY	0.0312, 0.0902, 0.0235
CMYK	0.01, 0.07, 0.00, 0.02
HSL	293°, 59%, 94%
HSV	293°, 7%, 98%
XYZ	84.3269, 84.3269, 101.4516
YIQ	238.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

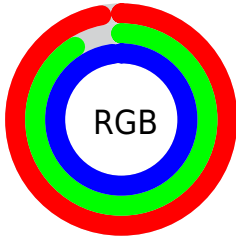
Format	Color
R_{YB}	247, 232, 249
Decimal	16247033
CIE _{Lab}	93.59, 8.07, -6.39
CIE _{LCh}	94, 10.291, 321.616
Yxy	84.3269, 0.3122, 0.3122
Android (android.graphics.Color)	4294437113 (0xFF7E8F9)
YUV	238.4230, 5.2145, 7.5220
Hunter-Lab	91.8297, 3.2140, -1.2216

Details

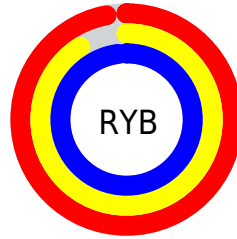
The Yxy color $84.3269, 0.3122, 0.3122$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $91.0562, 0.3131, 0.3463$, and the grayscale version is $85.8088, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.9773, 0.3120, 0.3076$ is the 20% darker color. If you saturate the color by 10%, you get $70.7793, 0.3112, 0.2868$, and if you desaturate by 10%, it is $98.6647, 0.3130, 0.3348$.

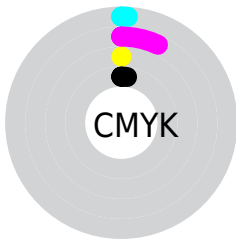
Distribution



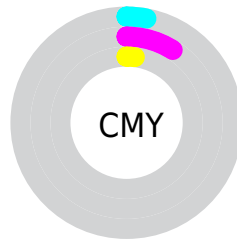
- Red (97%)
- Green (91%)
- Blue (98%)



- Red (97%)
- Yellow (91%)
- Blue (98%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)




- Cyan (3%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3269, 0.3122, 0.3122 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 84.3269, 0.3122, 0.3122 by changing the saturation by 10% instead.


 84.3269, 0.3122,
0.3122

 84.3269, 0.3122,
0.3122

509.3982, 0.3125,
0.3197

 63.2854, 0.3121,
0.3106

139.4324, 0.3123,
0.3147

 46.0721, 0.3120,
0.3086


174.2651, 0.3123,
0.3157

 32.3027, 0.3119,
0.3061


214.4637, 0.3124,
0.3166

 21.5928, 0.3118,
0.3029

260.4125, 0.3124,
0.3174

 13.5580, 0.3115,
0.2987

312.4960, 0.3124,
0.3181

 7.8139, 0.3111,
0.2929

371.0985, 0.3124,

 3.9761, 0.3105,

0.3187

0.2844

436.6044, 0.3125,
0.3192

1.6602, 0.3093,
0.2707

0.3977, 0.3104,
0.2147

84.3269, 0.3122,
0.3122

84.3269, 0.3122,
0.3122

70.7793, 0.3112,
0.2868

98.6647, 0.3130,
0.3348

59.1387, 0.3099,
0.2608

99.1936, 0.3148,
0.3348

49.3198, 0.3083,
0.2352

99.6194, 0.3162,
0.3347

41.2266, 0.3063,
0.2108

■ 34.7541, 0.3040,
0.1888

■ 29.7860, 0.3014,
0.1700

■ 26.1905, 0.2986,
0.1554

■ 23.8127, 0.2957,
0.1452

■ 22.4566, 0.2927,
0.1394

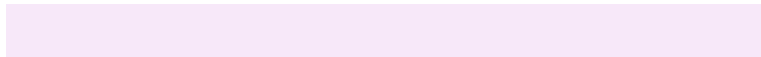
Harmonies

Analogous

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



84.3269, 0.3008, 0.3090



84.3269, 0.3122, 0.3122



84.3269, 0.3239, 0.3197

Triad

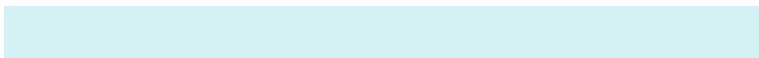
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3269, 0.3122, 0.3122



84.3269, 0.3330, 0.3470



84.3269, 0.2931, 0.3279

Complementary

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



84.3269, 0.3122, 0.3122



91.0562, 0.3131, 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.



84.3269, 0.3015, 0.3386



84.3269, 0.3122, 0.3122



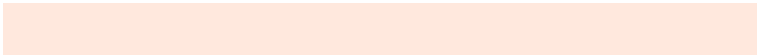
84.3269, 0.3245, 0.3497

Square

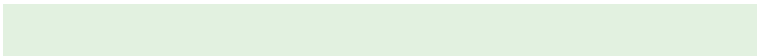
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



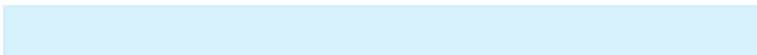
84.3269, 0.3122, 0.3122



84.3269, 0.3360, 0.3396



84.3269, 0.3129, 0.3467



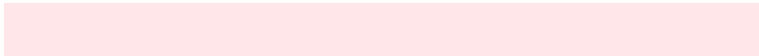
84.3269, 0.2900, 0.3178

Rectangle

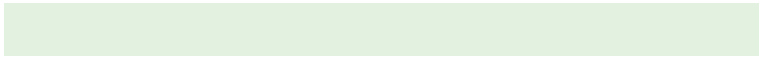
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3269, 0.3122, 0.3122



84.3269, 0.3303, 0.3262



84.3269, 0.3129, 0.3467



84.3269, 0.2954, 0.3316

Sweetspot

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



84.3305, 0.3122, 0.3122



96.6788, 0.3126, 0.3241



82.8236, 0.3022, 0.3137



20.7280, 0.3126, 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.



84.3305, 0.3122, 0.3122



87.2288, 0.3121, 0.3092



84.2857, 0.3176, 0.3186



17.4181, 0.3120, 0.3055



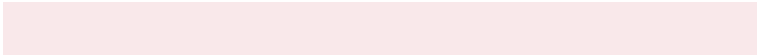
11.8935, 0.2922, 0.1384



1.1292, 0.2959, 0.1404

Inverse Universe

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



83.7827, 0.3231, 0.3271



86.5582, 0.3251, 0.3268



91.1068, 0.3081, 0.3396



17.2574, 0.3276, 0.3263



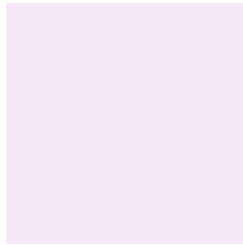
10.8367, 0.6264, 0.3224



1.0138, 0.6020, 0.3090

Previews

White Background



This preview shows how the Yxy color 84.3269, 0.3122, 0.3122 looks on a white background.

Color Contrast Check

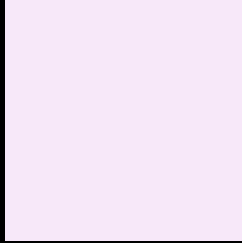
Large Text (above 18pt) WCAG AA × Fail

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 84.3269, 0.3122, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

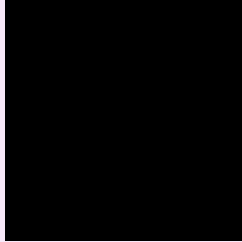
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

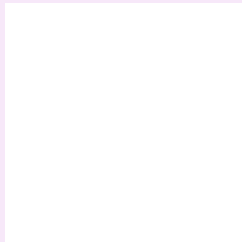
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3269, 0.3122, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 84.3269, 0.3122, 0.3122.



This preview shows how white text looks on a background with the Yxy color 84.3269, 0.3122, 0.3122.

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

84.3269, 0.3122, 0.3122

Protanopia

84.3862, 0.3043, 0.3129

Deuteranopia

84.5040, 0.3170, 0.3105



Tritanopia

84.3895, 0.3115, 0.3112

Trichromacy



Original Color

84.3269, 0.3122, 0.3122

Protanomaly

84.4485, 0.3075, 0.3130

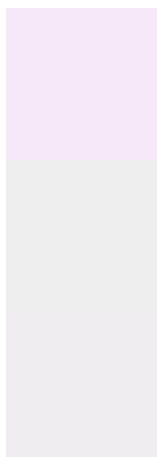
Deuteranomaly

84.5006, 0.3149, 0.3114

Tritanomaly

84.3895, 0.3115, 0.3112

Monochromacy



Original Color

84.3269, 0.3122, 0.3122

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.1025, 0.3123, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3269, 0.3122, 0.3122 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(247, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 232, 249)  
}
```

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(247, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 232, 249) }
```

Border

The CSS property to change the border of an element to Yxy 84.3269, 0.3122, 0.3122 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(247, 232, 249) }
```

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

```
.border{ border-color:rgb(247, 232, 249) }
```

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

Here you see how a box with a 4 pixel rgb(247, 232, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 232, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 232, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 232,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3269, 0.3122, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 232, 249) }
```

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

```
.background{ background-color: rgb(247,  
232, 249) }
```

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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