

Converting Colors

$Yxy(82.6489, 0.3149, 0.3122)$

Have a look what the booklet for
Yxy(82.6489, 0.3149, 0.3122)
contains.

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Color

Yxy(82.6489, 0.3149, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	F8E5F6
RGB	248, 229, 246
RGB Percent	97%, 90%, 96%
CMY	0.0274, 0.1019, 0.0354
CMYK	0.00, 0.08, 0.01, 0.03
HSL	306°, 58%, 94%
HSV	306°, 8%, 97%
XYZ	83.3637, 82.6489, 98.7180
YIQ	236.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

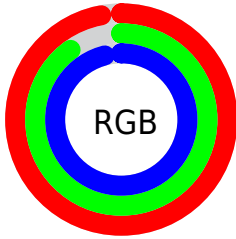
Format	Color
R _Y B	248, 229, 246
Decimal	16311798
CIE Lab	92.86, 9.38, -5.88
CIE LCh	93, 11.075, 327.925
Yxy	82.6489, 0.3149, 0.3122
Android (android.graphics.Color)	4294501878 (0xFFFF8E5F6)
YUV	236.6190, 4.6248, 9.9811
Hunter-Lab	90.9114, 4.5853, -0.7433

Details

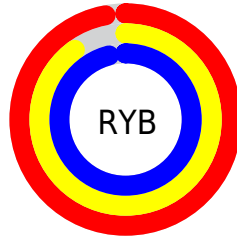
The Yxy color **82.6489, 0.3149, 0.3122** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.5743, 0.3106, 0.3464**, and the grayscale version is **84.3425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1963, 0.3154, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **69.7307, 0.3181, 0.2896**, and if you desaturate by 10%, it is **97.5372, 0.3121, 0.3340**.

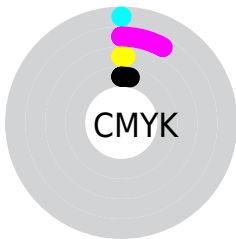
Distribution



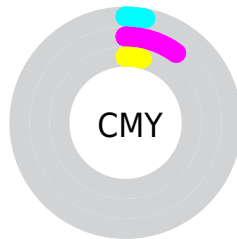
- Red (97%)
- Green (90%)
- Blue (96%)



- Red (97%)
- Yellow (90%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6489, 0.3149, 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 82.6489, 0.3149, 0.3122 by changing the saturation by 10% instead.


 82.6489, 0.3149,
0.3122

 82.6489, 0.3149,
0.3122


503.8156, 0.3140,
0.3197

 61.9006, 0.3151,
0.3105


137.0836, 0.3146,
0.3148

 44.9523, 0.3153,
0.3085

171.5388, 0.3145,
0.3158

 31.4199, 0.3156,
0.3060


211.3316, 0.3144,
0.3166

 20.9188, 0.3160,
0.3028

256.8466, 0.3143,
0.3174

 13.0647, 0.3165,
0.2986

308.4681, 0.3142,
0.3181

 7.4731, 0.3171,
0.2927

366.5805, 0.3141,

 3.7597, 0.3179,

0.3187

0.2840

431.5682, 0.3140,
0.3192

■ 1.5401, 0.3191,
0.2699

■ 0.3167, 0.3307,
0.1976

■ 82.6489, 0.3149,
0.3122

■ 82.6489, 0.3149,
0.3122

■ 69.7307, 0.3181,
0.2896

■ 97.5372, 0.3121,
0.3340

■ 58.6891, 0.3216,
0.2668

■ 98.4634, 0.3105,
0.3326

■ 49.4392, 0.3255,
0.2446

■ 98.6335, 0.3090,
0.3300

■ 41.8851, 0.3296,
0.2237

■ 98.6988, 0.3084,
0.3290

■ 35.9223, 0.3338,
0.2053

■ 31.4343, 0.3381,
0.1902

■ 28.2892, 0.3423,
0.1793

■ 26.3312, 0.3462,
0.1729

■ 25.3536, 0.3498,
0.1707

Harmonies

Analogous

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



82.6489, 0.3022, 0.3076



82.6489, 0.3149, 0.3122



82.6489, 0.3272, 0.3210

Triad

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



82.6489, 0.3149, 0.3122



82.6489, 0.3332, 0.3496



82.6489, 0.2903, 0.3253

Complementary

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



82.6489, 0.3149, 0.3122



89.5743, 0.3106, 0.3464

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.



82.6489, 0.2982, 0.3371



82.6489, 0.3149, 0.3122



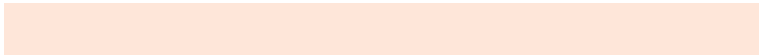
82.6489, 0.3230, 0.3513

Square

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



82.6489, 0.3149, 0.3122



82.6489, 0.3379, 0.3424



82.6489, 0.3102, 0.3467



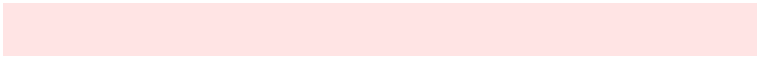
82.6489, 0.2882, 0.3149

Rectangle

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



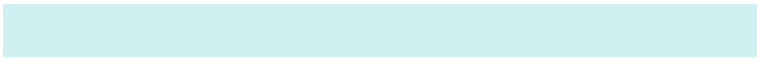
82.6489, 0.3149, 0.3122



82.6489, 0.3335, 0.3282



82.6489, 0.3102, 0.3467



82.6489, 0.2923, 0.3293

Sweetspot

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



82.6525, 0.3149, 0.3122



96.7537, 0.3133, 0.3247



79.7936, 0.3021, 0.3095



20.7433, 0.3132, 0.3249



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.



82.6525, 0.3149, 0.3122



86.0631, 0.3153, 0.3092



82.0924, 0.3209, 0.3214



17.4904, 0.3155, 0.3081



13.6212, 0.3501, 0.1702



1.2705, 0.3462, 0.1681

Inverse Universe

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



82.6525, 0.3149, 0.3122



86.0631, 0.3153, 0.3092



90.1174, 0.3052, 0.3367



17.4904, 0.3155, 0.3081



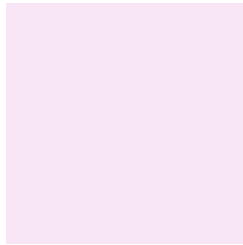
13.6212, 0.3501, 0.1702



1.2705, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 82.6489, 0.3149, 0.3122 looks on a white background.

Color Contrast Check

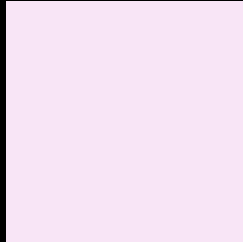
Large Text (above 18pt) WCAG AA × Fail

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 82.6489, 0.3149, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

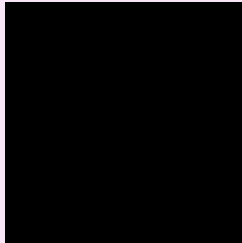
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6489, 0.3149, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 82.6489, 0.3149, 0.3122.



This preview shows how white text looks on a background with the Yxy color 82.6489, 0.3149, 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

82.6489, 0.3149, 0.3122

Protanopia

82.7173, 0.3048, 0.3138

Deuteranopia

82.8361, 0.3177, 0.3113



Tritanopia

82.7105, 0.3142, 0.3112

Trichromacy



Original Color

82.6489, 0.3149, 0.3122

Protanomaly

82.9539, 0.3087, 0.3139

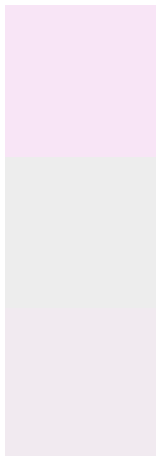
Deuteranomaly

82.6499, 0.3170, 0.3113

Tritanomaly

82.7105, 0.3142, 0.3112

Monochromacy



Original Color

82.6489, 0.3149, 0.3122

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.8377, 0.3137, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6489, 0.3149, 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(248, 229, 246)` looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 246)  
}
```

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(248, 229, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 246) }
```

Border

The CSS property to change the border of an element to Yxy 82.6489, 0.3149, 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(248, 229, 246) }
```

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

```
.border{ border-color:rgb(248, 229, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 229, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6489, 0.3149, 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(248, 229, 246) }
```

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

```
.background{ background-color: rgb(248,  
229, 246) }
```

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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