

Converting Colors

$Y_{xy}(82.2378, 0.3139, 0.3134)$

Have a look what the booklet for
Yxy(82.2378, 0.3139, 0.3134)
contains.

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Color

Yxy(82.2240, 0.3141, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	F6E5F5
RGB	246, 229, 245
RGB Percent	96%, 90%, 96%
CMY	0.0356, 0.1018, 0.0392
CMYK	0.00, 0.07, 0.00, 0.04
HSL	303°, 48%, 93%
HSV	303°, 7%, 96%
XYZ	82.4866, 82.2240, 97.9020
YIQ	235.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

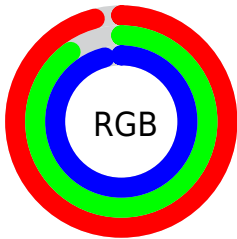
Format	Color
R _Y B	246, 229, 245
Decimal	16180725
CIE Lab	92.67, 8.51, -5.67
CIE LCh	93, 10.222, 326.319
Yxy	82.2240, 0.3141, 0.3131
Android (android.graphics.Color)	4294370805 (0xFFFF6E5F5)
YUV	235.9070, 4.4828, 8.8516
Hunter-Lab	90.6775, 3.6907, -0.5396

Details

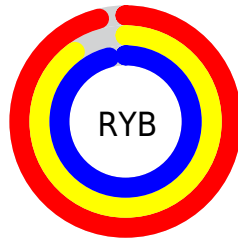
The Yxy color **82.2240, 0.3141, 0.3131** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.2425, 0.3113, 0.3454**, and the grayscale version is **83.7638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8934, 0.3145, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **69.4832, 0.3163, 0.2893**, and if you desaturate by 10%, it is **96.9004, 0.3121, 0.3361**.

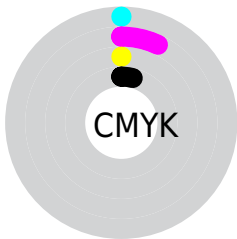
Distribution



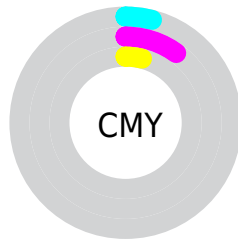
- Red (96%)
- Green (90%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2240, 0.3141, 0.3131 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 82.2240, 0.3141, 0.3131 by changing the saturation by 10% instead.

 82.2240, 0.3141,
0.3131

 82.2240, 0.3141,
0.3131


502.3967, 0.3135,
0.3202

 61.5502, 0.3142,
0.3115

136.4881, 0.3139,
0.3155

 44.6693, 0.3144,
0.3096


170.8471, 0.3138,
0.3165

 31.1971, 0.3145,
0.3072


210.5367, 0.3138,
0.3173

 20.7489, 0.3148,
0.3042

255.9413, 0.3137,
0.3180

 12.9406, 0.3150,
0.3001

307.4451, 0.3136,
0.3187

 7.3877, 0.3154,
0.2945

365.4327, 0.3136,

 3.7057, 0.3158,

0.3192

0.2862

430.2884, 0.3136,
0.3198

■ 1.5103, 0.3163,
0.2726

■ 0.2960, 0.3252,
0.1969

■ 82.2240, 0.3141,
0.3131

■ 82.2240, 0.3141,
0.3131

■ 69.4832, 0.3163,
0.2893

■ 96.9004, 0.3121,
0.3361

■ 58.5866, 0.3186,
0.2654

■ 97.8597, 0.3113,
0.3361

■ 49.4517, 0.3211,
0.2421

■ 97.9445, 0.3105,
0.3347

■ 41.9851, 0.3237,
0.2202

■ 98.0299, 0.3097,
0.3334

36.0851, 0.3263,
0.2009

98.1159, 0.3089,
0.3321

31.6390, 0.3288,
0.1850

98.2026, 0.3082,
0.3308

28.5187, 0.3311,
0.1733

98.2899, 0.3074,
0.3294

26.5741, 0.3332,
0.1659

98.3199, 0.3071,
0.3290

25.6145, 0.3350,
0.1627

Harmonies

Analogous

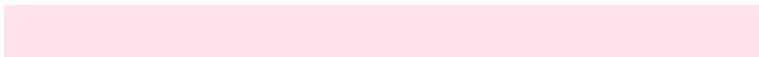
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2240, 0.3024, 0.3091



82.2240, 0.3141, 0.3131



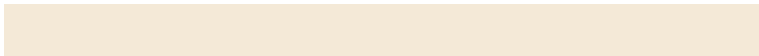
82.2240, 0.3256, 0.3211

Triad

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



82.2240, 0.3141, 0.3131



82.2240, 0.3320, 0.3478



82.2240, 0.2922, 0.3262

Complementary

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



82.2240, 0.3141, 0.3131



88.2425, 0.3113, 0.3454

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.



82.2240, 0.2999, 0.3370



82.2240, 0.3141, 0.3131



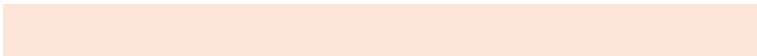
82.2240, 0.3228, 0.3497

Square

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



82.2240, 0.3141, 0.3131



82.2240, 0.3360, 0.3410



82.2240, 0.3110, 0.3457



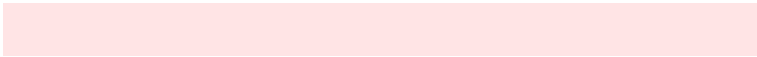
82.2240, 0.2900, 0.3164

Rectangle

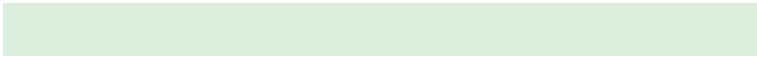
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2240, 0.3141, 0.3131



82.2240, 0.3315, 0.3278



82.2240, 0.3110, 0.3457



82.2240, 0.2942, 0.3299

Sweetspot

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



82.2276, 0.3141, 0.3131



96.7709, 0.3131, 0.3244



79.5074, 0.3027, 0.3116



20.7468, 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.



82.2276, 0.3141, 0.3131



87.5953, 0.3143, 0.3104



81.7285, 0.3195, 0.3214



16.7515, 0.3147, 0.3070



13.5859, 0.3353, 0.1621



1.1988, 0.3333, 0.1610

Inverse Universe

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



82.2276, 0.3141, 0.3131



87.5953, 0.3143, 0.3104



88.7233, 0.3064, 0.3367



16.7515, 0.3147, 0.3070



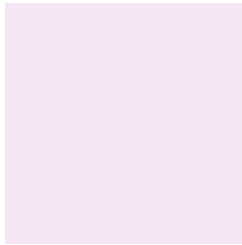
13.5859, 0.3353, 0.1621



1.1988, 0.3333, 0.1610

Previews

White Background



This preview shows how the Yxy color 82.2240, 0.3141, 0.3131 looks on a white background.

Color Contrast Check

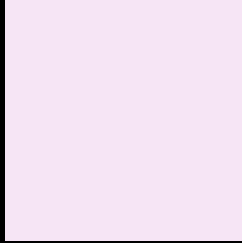
Large Text (above 18pt) WCAG AA × Fail

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 82.2240, 0.3141, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

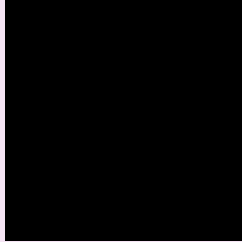
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

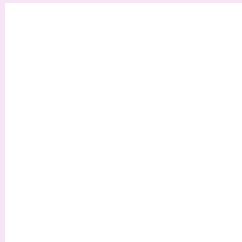
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2240, 0.3141, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 82.2240, 0.3141, 0.3131.



This preview shows how white text looks on a background with the Yxy color 82.2240, 0.3141, 0.3131.

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

82.2240, 0.3141, 0.3131

Protanopia

82.4857, 0.3047, 0.3148

Deuteranopia

82.2262, 0.3184, 0.3113



Tritanopia

82.3469, 0.3129, 0.3111

Trichromacy



Original Color

82.2240, 0.3141, 0.3131

Protanomaly

82.5442, 0.3080, 0.3149

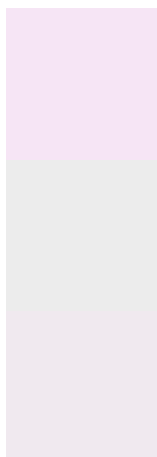
Deuteranomaly

82.4034, 0.3169, 0.3122

Tritanomaly

82.2853, 0.3135, 0.3121

Monochromacy



Original Color

82.2240, 0.3141, 0.3131

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.0351, 0.3137, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2240, 0.3141, 0.3131 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(246, 229, 245)` looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 245)  
}
```

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(246, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 245) }
```

Border

The CSS property to change the border of an element to Yxy 82.2240, 0.3141, 0.3131 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(246, 229, 245) }
```

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

```
.border{ border-color:rgb(246, 229, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 229, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2240, 0.3141, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 245) }
```

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

```
.background{ background-color: rgb(246,  
229, 245) }
```

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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