

Converting Colors

$Yxy(81.1951, 0.3227, 0.3247)$

Have a look what the booklet for
Yxy(81.1951, 0.3227, 0.3247)
contains.

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Color

Yxy(81.1442, 0.3227, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	F7E4E9
RGB	247, 228, 233
RGB Percent	97%, 89%, 91%
CMY	0.0312, 0.1059, 0.0863
CMYK	0.00, 0.08, 0.06, 0.03
HSL	344°, 54%, 93%
HSV	344°, 8%, 97%
XYZ	80.8186, 81.1442, 88.4822
YIQ	234.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

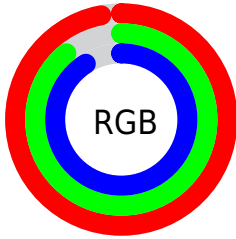
Format	Color
R _Y B	247, 228, 233
Decimal	16245993
CIE Lab	92.20, 7.33, -0.09
CIE LCh	92, 7.329, 359.285
Yxy	81.1442, 0.3227, 0.3240
Android (android.graphics.Color)	4294436073 (0xFFFF7E4E9)
YUV	234.2510, -0.6167, 11.1809
Hunter-Lab	90.0801, 2.5076, 4.8177

Details

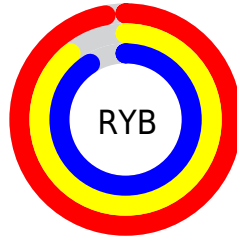
The Yxy color **81.1442, 0.3227, 0.3240** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.4552, 0.3036, 0.3341**, and the grayscale version is **82.4840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1378, 0.3255, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **67.5245, 0.3383, 0.3171**, and if you desaturate by 10%, it is **96.8207, 0.3101, 0.3304**.

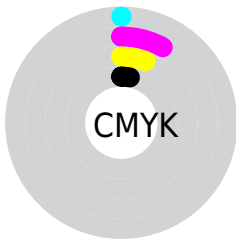
Distribution



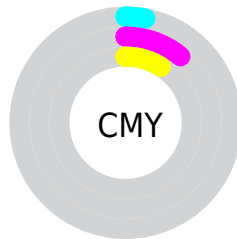
- Red (97%)
- Green (89%)
- Blue (91%)



- Red (97%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (3%)




- Cyan (3%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1442, 0.3227, 0.3240 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 81.1442, 0.3227, 0.3240 by changing the saturation by 10% instead.


 81.1442, 0.3227,
0.3240

 81.1442, 0.3227,
0.3240


498.7805, 0.3182,
0.3263

 60.6604, 0.3237,
0.3235


134.9732, 0.3211,
0.3248

 43.9511, 0.3250,
0.3229


169.0872, 0.3205,
0.3251

 30.6321, 0.3265,
0.3221


208.5134, 0.3200,
0.3254

 20.3189, 0.3286,
0.3211

253.6361, 0.3195,
0.3256

 12.6270, 0.3313,
0.3197

304.8398, 0.3191,
0.3258

 7.1722, 0.3351,
0.3178

362.5088, 0.3188,

 3.5700, 0.3410,

0.3260

0.3148

427.0276, 0.3185,
0.3261

■ 1.4361, 0.3510,
0.3098

■ 0.2431, 0.4436,
0.2630

■ 81.1442, 0.3227,
0.3240

■ 81.1442, 0.3227,
0.3240

■ 67.5245, 0.3383,
0.3171

■ 96.8207, 0.3101,
0.3304

■ 55.8657, 0.3575,
0.3100

■ 98.5222, 0.3078,
0.3290

■ 46.0802, 0.3810,
0.3028

■ 38.0695, 0.4092,
0.2962

■ 31.7261, 0.4423,
0.2909

■ 26.9308, 0.4793,
0.2879

■ 23.5482, 0.5183,
0.2884

■ 21.4195, 0.5555,
0.2933

■ 20.3336, 0.5870,
0.3021

Harmonies

Analogous

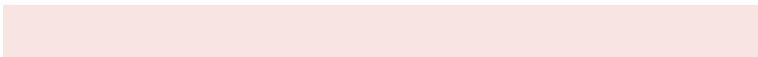
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1442, 0.3146, 0.3179



81.1442, 0.3227, 0.3240



81.1442, 0.3281, 0.3314

Triad

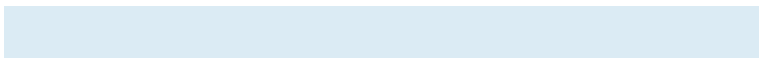
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1442, 0.3227, 0.3240



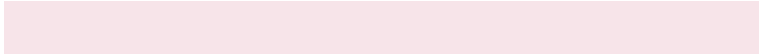
81.1442, 0.3192, 0.3437



81.1442, 0.2963, 0.3194

Complementary

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



81.1442, 0.3227, 0.3240



89.4552, 0.3036, 0.3341

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.



81.1442, 0.2976, 0.3263



81.1442, 0.3227, 0.3240



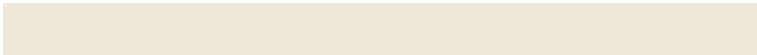
81.1442, 0.3107, 0.3405

Square

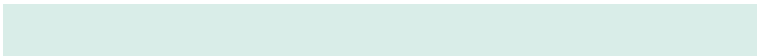
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1442, 0.3227, 0.3240



81.1442, 0.3261, 0.3429



81.1442, 0.3028, 0.3340



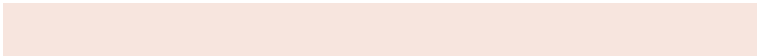
81.1442, 0.2995, 0.3152

Rectangle

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



81.1442, 0.3227, 0.3240



81.1442, 0.3295, 0.3362



81.1442, 0.3028, 0.3340



81.1442, 0.2963, 0.3215

Sweetspot

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



81.1477, 0.3227, 0.3240



96.5491, 0.3152, 0.3277



81.0721, 0.3102, 0.3099



20.7016, 0.3150, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

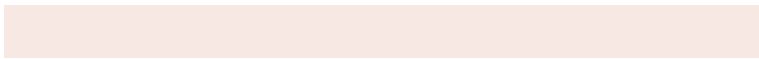
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1477, 0.3227, 0.3240



85.1782, 0.3246, 0.3231



83.3437, 0.3256, 0.3335



16.5538, 0.3252, 0.3228



10.6779, 0.5893, 0.3020



0.9547, 0.5541, 0.2826

Inverse Universe

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



81.1477, 0.3227, 0.3240



85.1782, 0.3246, 0.3231



87.0724, 0.3008, 0.3244



16.5538, 0.3252, 0.3228



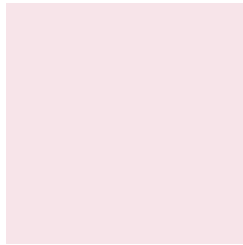
10.6779, 0.5893, 0.3020



0.9547, 0.5541, 0.2826

Previews

White Background



This preview shows how the Yxy color 81.1442, 0.3227, 0.3240 looks on a white background.

Color Contrast Check

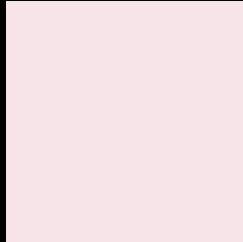
Large Text (above 18pt) WCAG AA × Fail

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 81.1442, 0.3227, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

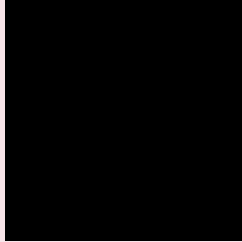
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1442, 0.3227, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 81.1442, 0.3227, 0.3240.

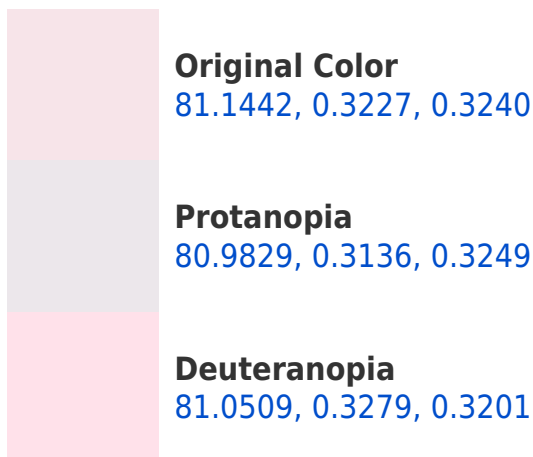


This preview shows how white text looks on a background with the Yxy color 81.1442, 0.3227, 0.3240.

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

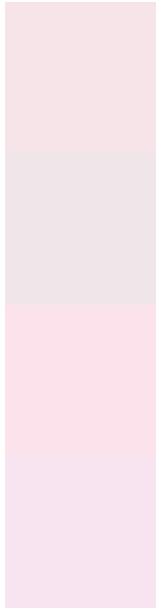




Tritanopia

81.0641, 0.3170, 0.3111

Trichromacy



Original Color

81.1442, 0.3227, 0.3240

Protanomaly

81.0594, 0.3170, 0.3249

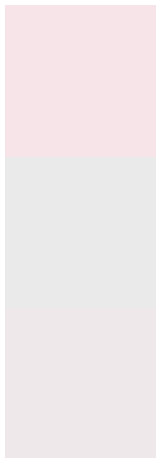
Deuteranomaly

81.0287, 0.3257, 0.3211

Tritanomaly

81.1859, 0.3189, 0.3160

Monochromacy



Original Color

81.1442, 0.3227, 0.3240

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.0045, 0.3162, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1442, 0.3227, 0.3240 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, 228, 233)` looks like.

```
.text, #text, p{  
    color:rgb(247, 228, 233)  
}
```

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, 228, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 233) }
```

Border

The CSS property to change the border of an element to Yxy 81.1442, 0.3227, 0.3240 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, 228, 233) }
```

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

```
.border{ border-color:rgb(247, 228, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 228, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1442, 0.3227, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 233) }
```

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

```
.background{ background-color: rgb(247,  
228, 233) }
```

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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