

Converting Colors

$Yxy(80.7044, 0.3124, 0.3062)$

Have a look what the booklet for
Yxy(80.7044, 0.3124, 0.3062)
contains.

Yxy(81.0064, 0.3124, 0.3062)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.0064, 0.3124, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	F7E2F9
RGB	247, 226, 249
RGB Percent	97%, 89%, 98%
CMY	0.0315, 0.1137, 0.0235
CMYK	0.01, 0.09, 0.00, 0.02
HSL	295°, 66%, 93%
HSV	295°, 9%, 98%
XYZ	82.6466, 81.0064, 100.9009
YIQ	234.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

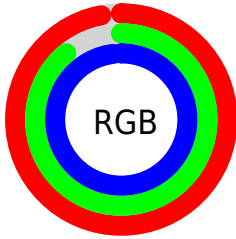
Format	Color
R_{YB}	247, 226, 249
Decimal	16245497
CIE _{Lab}	92.13, 11.14, -8.55
CIE _{LCh}	92, 14.041, 322.490
Yxy	81.0064, 0.3124, 0.3062
Android (android.graphics.Color)	4294435577 (0xFFFF7E2F9)
YUV	234.9010, 6.9508, 10.6108
Hunter-Lab	90.0036, 6.4031, -3.4661

Details

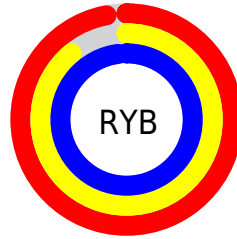
The Yxy color **81.0064, 0.3124, 0.3062** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.7426, 0.3129, 0.3527**, and the grayscale version is **82.9421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0524, 0.3123, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **68.0403, 0.3119, 0.2807**, and if you desaturate by 10%, it is **95.9506, 0.3127, 0.3309**.

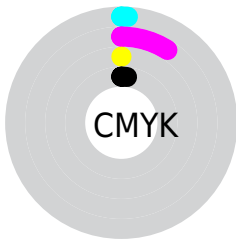
Distribution



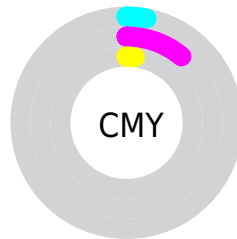
- Red (97%)
- Green (89%)
- Blue (98%)



- Red (97%)
- Yellow (89%)
- Blue (98%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)




- Cyan (3%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0064, 0.3124, 0.3062 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 81.0064, 0.3124, 0.3062 by changing the saturation by 10% instead.

 81.0064, 0.3124,
0.3062

 81.0064, 0.3124,
0.3062


498.3180, 0.3126,
0.3164

 60.5469, 0.3123,
0.3040


134.7798, 0.3125,
0.3097

 43.8596, 0.3122,
0.3012


168.8624, 0.3125,
0.3110

 30.5601, 0.3121,
0.2978

208.2548, 0.3125,
0.3122

 20.2641, 0.3119,
0.2935

253.3414, 0.3126,
0.3133

 12.5872, 0.3117,
0.2878

304.5067, 0.3126,
0.3142

 7.1449, 0.3112,
0.2799

362.1349, 0.3126,

 3.5529, 0.3104,

0.3150

0.2682

426.6106, 0.3126,
0.3157

■ 1.4267, 0.3086,
0.2494

■ 0.2363, 0.3127,
0.1488

■ 81.0064, 0.3124,
0.3062

■ 81.0064, 0.3124,
0.3062

■ 68.0403, 0.3119,
0.2807

■ 95.9506, 0.3127,
0.3309

■ 56.9575, 0.3111,
0.2550

■ 98.9352, 0.3139,
0.3348

■ 47.6709, 0.3100,
0.2299

■ 99.3450, 0.3153,
0.3347

■ 40.0825, 0.3086,
0.2064

■ 99.6195, 0.3162,
0.3347

■ 34.0850, 0.3070,
0.1855

■ 29.5588, 0.3052,
0.1683

■ 26.3674, 0.3031,
0.1552

■ 24.3488, 0.3009,
0.1467

■ 23.2561, 0.2987,
0.1421

Harmonies

Analogous

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



81.0064, 0.2967, 0.3016



81.0064, 0.3124, 0.3062



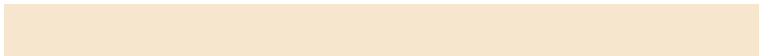
81.0064, 0.3286, 0.3165

Triad

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



81.0064, 0.3124, 0.3062



81.0064, 0.3405, 0.3541



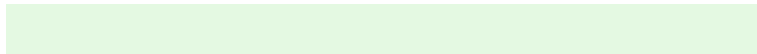
81.0064, 0.2855, 0.3269

Complementary

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



81.0064, 0.3124, 0.3062



89.7426, 0.3129, 0.3527

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.



81.0064, 0.2967, 0.3419



81.0064, 0.3124, 0.3062



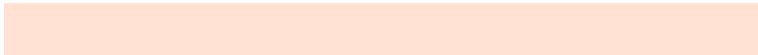
81.0064, 0.3284, 0.3578

Square

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



81.0064, 0.3124, 0.3062



81.0064, 0.3451, 0.3438



81.0064, 0.3124, 0.3534



81.0064, 0.2814, 0.3130

Rectangle

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



81.0064, 0.3124, 0.3062



81.0064, 0.3374, 0.3254



81.0064, 0.3124, 0.3534



81.0064, 0.2885, 0.3320

Sweetspot

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



81.0099, 0.3124, 0.3062



95.0884, 0.3126, 0.3217



78.6693, 0.2983, 0.3076



20.0789, 0.3126, 0.3197



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.



81.0099, 0.3124, 0.3062



82.9260, 0.3123, 0.3017



80.8195, 0.3197, 0.3153



17.4424, 0.3124, 0.3055



12.4437, 0.2989, 0.1420



1.1746, 0.3017, 0.1435

Inverse Universe

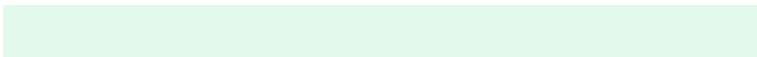
The Inverse Universe completely reimagines the original color for something new.



80.1432, 0.3275, 0.3270



81.8513, 0.3308, 0.3266



89.9323, 0.3063, 0.3431



17.2500, 0.3280, 0.3269



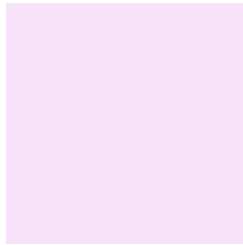
10.8197, 0.6305, 0.3247



1.0103, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 81.0064, 0.3124, 0.3062 looks on a white background.

Color Contrast Check

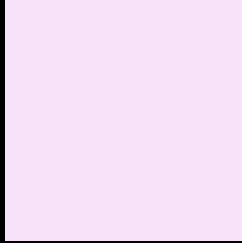
Large Text (above 18pt) WCAG AA × Fail

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 81.0064, 0.3124, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

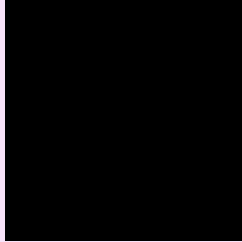
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

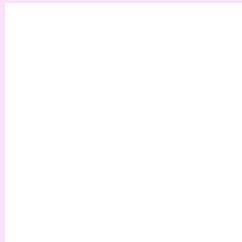
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0064, 0.3124, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 81.0064, 0.3124, 0.3062.

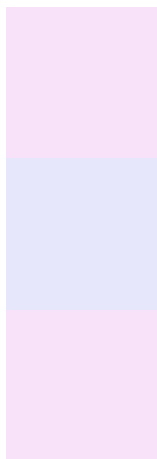


This preview shows how white text looks on a background with the Yxy color 81.0064, 0.3124, 0.3062.

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

81.0064, 0.3124, 0.3062

Protanopia

81.1690, 0.2998, 0.3076

Deuteranopia

81.1887, 0.3131, 0.3062



Tritanopia

81.1236, 0.3142, 0.3111

Trichromacy



Original Color

81.0064, 0.3124, 0.3062

Protanomaly

81.0082, 0.3043, 0.3068

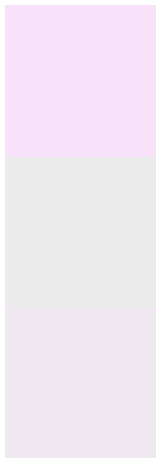
Deuteranomaly

81.1887, 0.3131, 0.3062

Tritanomaly

81.1848, 0.3136, 0.3101

Monochromacy



Original Color

81.0064, 0.3124, 0.3062

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.3552, 0.3124, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0064, 0.3124, 0.3062 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, 226, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 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, 226, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 249) }
```

Border

The CSS property to change the border of an element to Yxy 81.0064, 0.3124, 0.3062 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, 226, 249) }
```

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

```
.border{ border-color:rgb(247, 226, 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, 226, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0064, 0.3124, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 249) }
```

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

```
.background{ background-color: rgb(247,  
226, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor