

Converting Colors

$Yxy(84.8223, 0.3457, 0.3268)$

Have a look what the booklet for
Yxy(84.8223, 0.3457, 0.3268)
contains.

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Color

Yxy(81.2541, 0.3318, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E4
RGB	255, 226, 228
RGB Percent	100%, 89%, 89%
CMY	0.0002, 0.1136, 0.1059
CMYK	0.00, 0.11, 0.11, 0.00
HSL	356°, 100%, 94%
HSV	356°, 11%, 100%
XYZ	82.4216, 81.2541, 84.7318
YIQ	234.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

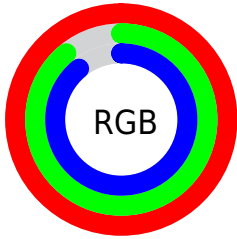
Format	Color
R _Y B	255, 226, 228
Decimal	16769764
CIE Lab	92.24, 10.23, 2.67
CIE LCh	92, 10.572, 14.617
Yxy	81.2541, 0.3318, 0.3271
Android (android.graphics.Color)	4294959844 (0xFFFFE2E4)
YUV	234.8990, -3.4012, 17.6286
Hunter-Lab	90.1411, 5.4669, 7.3667

Details

The Yxy color $81.2541, 0.3318, 0.3271$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $94.7439, 0.2963, 0.3309$, and the grayscale version is $83.0110, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.1487, 0.3357, 0.3265$ is the 20% darker color. If you saturate the color by 10%, you get $67.1758, 0.3531, 0.3253$, and if you desaturate by 10%, it is $97.5824, 0.3147, 0.3288$.

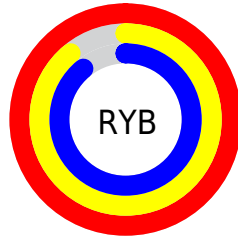
Distribution



Red (100%)

Green (89%)

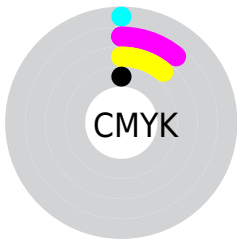
Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)

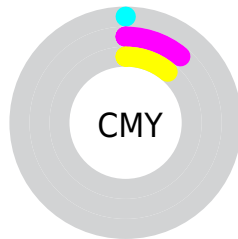


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2541, 0.3318, 0.3271 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 81.2541, 0.3318, 0.3271 by changing the saturation by 10% instead.


 81.2541, 0.3318,
0.3271

 81.2541, 0.3318,
0.3271


499.1492, 0.3231,
0.3280

 60.7509, 0.3338,
0.3269


135.1275, 0.3288,
0.3274

 44.0242, 0.3362,
0.3266

169.2665, 0.3276,
0.3276

 30.6895, 0.3392,
0.3263


208.7195, 0.3266,
0.3277

 20.3625, 0.3431,
0.3258

253.8710, 0.3257,
0.3278

 12.6588, 0.3484,
0.3251

305.1053, 0.3250,
0.3278

 7.1940, 0.3558,
0.3241

362.8069, 0.3243,

 3.5838, 0.3672,

0.3279

427.3600, 0.3237,
0.3280

0.3225

1.4436, 0.3868,
0.3195

0.2485, 0.5937,
0.3036

81.2541, 0.3318,
0.3271

81.2541, 0.3318,
0.3271

67.1758, 0.3531,
0.3253

97.5824, 0.3147,
0.3288

55.2387, 0.3797,
0.3235

99.9882, 0.3127,
0.3290

45.3411, 0.4124,
0.3218

37.3689, 0.4515,
0.3204

■ 31.1968, 0.4960,
0.3197

■ 26.6846, 0.5427,
0.3200

■ 23.6714, 0.5859,
0.3217

■ 21.9643, 0.6184,
0.3245

■ 21.2897, 0.6349,
0.3271

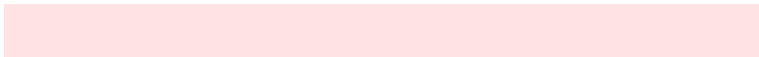
Harmonies

Analogous

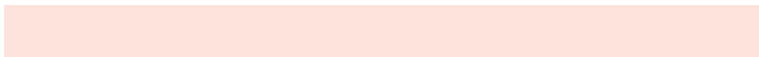
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2541, 0.3217, 0.3172



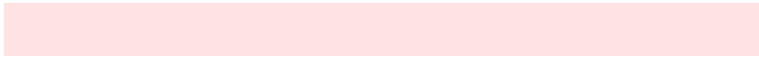
81.2541, 0.3318, 0.3271



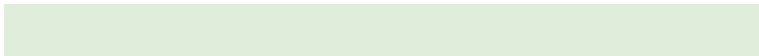
81.2541, 0.3368, 0.3377

Triad

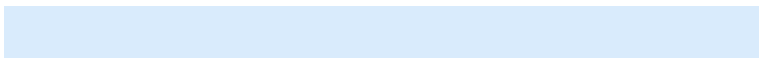
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2541, 0.3318, 0.3271



81.2541, 0.3158, 0.3487



81.2541, 0.2907, 0.3115

Complementary

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



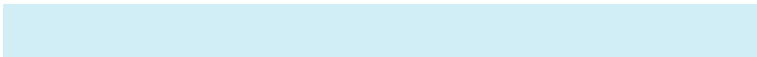
81.2541, 0.3318, 0.3271



94.7439, 0.2963, 0.3309

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.



81.2541, 0.2893, 0.3196



81.2541, 0.3318, 0.3271



81.2541, 0.3036, 0.3413

Square

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



81.2541, 0.3318, 0.3271



81.2541, 0.3274, 0.3504



81.2541, 0.2939, 0.3305



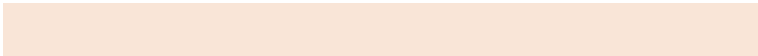
81.2541, 0.2980, 0.3082

Rectangle

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



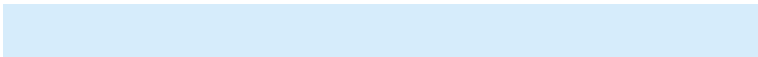
81.2541, 0.3318, 0.3271



81.2541, 0.3364, 0.3438



81.2541, 0.2939, 0.3305



81.2541, 0.2896, 0.3137

Sweetspot

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



81.2577, 0.3318, 0.3271



94.7650, 0.3173, 0.3285



82.4188, 0.3124, 0.3009



19.9917, 0.3186, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

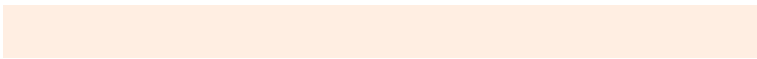
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2577, 0.3318, 0.3271



77.3389, 0.3370, 0.3266



87.9331, 0.3317, 0.3409



18.0071, 0.3284, 0.3274



11.1378, 0.6331, 0.3261



1.0911, 0.6175, 0.3175

Inverse Universe

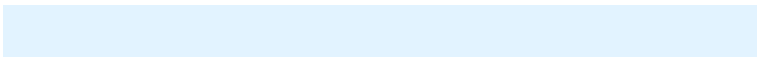
The Inverse Universe completely reimagines the original color for something new.



81.2577, 0.3318, 0.3271



77.3389, 0.3370, 0.3266



87.4262, 0.2950, 0.3168



18.0071, 0.3284, 0.3274



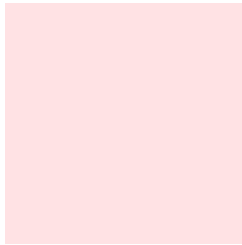
11.1378, 0.6331, 0.3261



1.0911, 0.6175, 0.3175

Previews

White Background



This preview shows how the Yxy color 81.2541, 0.3318, 0.3271 looks on a white background.

Color Contrast Check

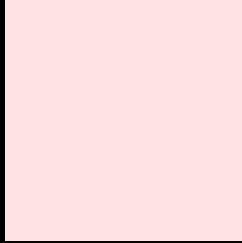
Large Text (above 18pt) WCAG AA × Fail

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 81.2541, 0.3318, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

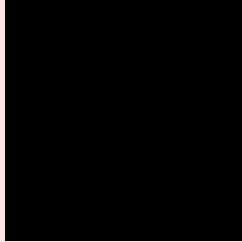
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

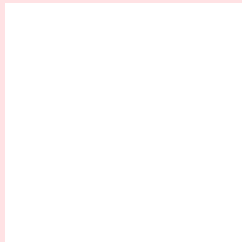
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2541, 0.3318, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 81.2541, 0.3318, 0.3271.

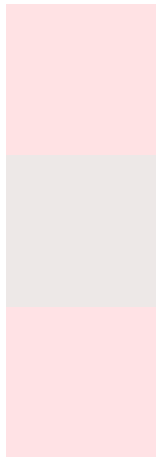


This preview shows how white text looks on a background with the Yxy color 81.2541, 0.3318, 0.3271.

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

81.2541, 0.3318, 0.3271

Protanopia

81.4873, 0.3167, 0.3300

Deuteranopia

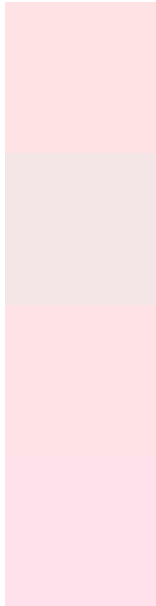
81.3099, 0.3312, 0.3261



Tritanopia

81.4613, 0.3232, 0.3133

Trichromacy



Original Color

81.2541, 0.3318, 0.3271

Protanomaly

81.5399, 0.3224, 0.3290

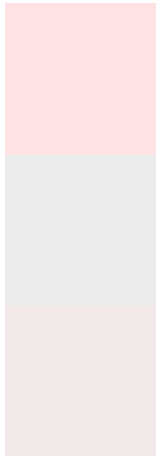
Deuteranomaly

81.3099, 0.3312, 0.3261

Tritanomaly

81.1666, 0.3266, 0.3182

Monochromacy



Original Color

81.2541, 0.3318, 0.3271

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.4167, 0.3195, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2541, 0.3318, 0.3271 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(255, 226, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 228)  
}
```

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(255, 226, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 228) }
```

Border

The CSS property to change the border of an element to Yxy 81.2541, 0.3318, 0.3271 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(255, 226, 228) }
```

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

```
.border{ border-color:rgb(255, 226, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2541, 0.3318, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 228) }
```

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

```
.background{ background-color: rgb(255,  
226, 228) }
```

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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