

Converting Colors

$Yxy(88.6651, 0.3621, 0.3385)$

Have a look what the booklet for
Yxy(88.6651, 0.3621, 0.3385)
contains.

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Color

Yxy(81.8088, 0.3384, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4DA
RGB	255, 228, 218
RGB Percent	100%, 89%, 85%
CMY	0.0000, 0.1059, 0.1452
CMYK	0.00, 0.11, 0.15, 0.00
HSL	16°, 100%, 93%
HSV	16°, 15%, 100%
XYZ	81.6399, 81.8088, 77.8040
YIQ	234.9330, 19.3020, 2.6140

Conversions

Conversions Part 2

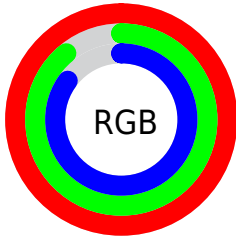
Format	Color
R _Y B	255, 232, 218
Decimal	16770266
CIE Lab	92.49, 7.66, 8.25
CIE LCh	92, 11.255, 47.125
Yxy	81.8088, 0.3384, 0.3391
Android (android.graphics.Color)	4294960346 (0xFFFFE4DA)
YUV	234.9330, -8.3480, 17.5988
Hunter-Lab	90.4482, 2.8324, 12.3122

Details

The Yxy color **81.8088, 0.3384, 0.3391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4145, 0.2902, 0.3187**, and the grayscale version is **83.0770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5373, 0.3442, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **70.8880, 0.3604, 0.3466**, and if you desaturate by 10%, it is **94.0375, 0.3200, 0.3320**.

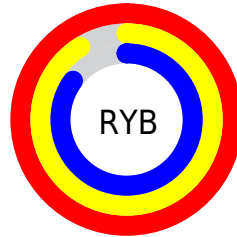
Distribution



Red (100%)

Green (89%)

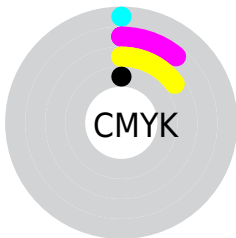
Blue (85%)



Red (100%)

Yellow (91%)

Blue (85%)

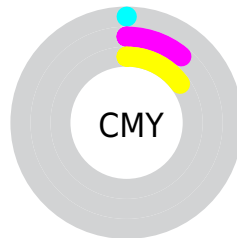


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.8088, 0.3384, 0.3391 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 81.8088, 0.3384, 0.3391 by changing the saturation by 10% instead.

 81.8088, 0.3384,
0.3391

 81.8088, 0.3384,
0.3391

501.0079, 0.3267,
0.3346

 61.2079, 0.3410,
0.3401


135.9058, 0.3344,
0.3376

 44.3930, 0.3443,
0.3412


170.1708, 0.3328,
0.3370

 30.9796, 0.3483,
0.3427


209.7593, 0.3314,
0.3365

 20.5833, 0.3536,
0.3445

255.0557, 0.3302,
0.3360

 12.8198, 0.3607,
0.3469

306.4443, 0.3292,
0.3356

 7.3045, 0.3707,
0.3501

364.3096, 0.3283,

 3.6533, 0.3860,

0.3353

0.3547

429.0360, 0.3274,
0.3349

■ 1.4816, 0.4119,
0.3615

■ 0.2757, 0.6196,
0.3804

■ 81.8088, 0.3384,
0.3391

■ 81.8088, 0.3384,
0.3391

■ 70.8880, 0.3604,
0.3466

■ 94.0375, 0.3200,
0.3320

■ 61.2282, 0.3864,
0.3542

100.0000, 0.3127,
0.3290

■ 52.7838, 0.4169,
0.3615

■ 45.5054, 0.4516,
0.3677

■ 39.3399, 0.4895,
0.3720

■ 34.2300, 0.5284,
0.3730

■ 30.1126, 0.5645,
0.3698

■ 26.9168, 0.5937,
0.3621

■ 25.5203, 0.6063,
0.3568

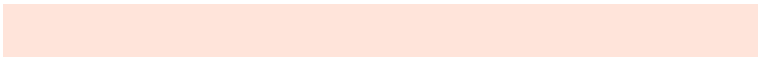
Harmonies

Analogous

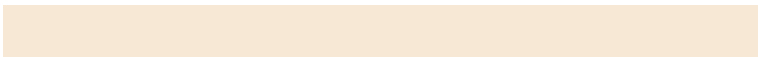
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8088, 0.3337, 0.3279



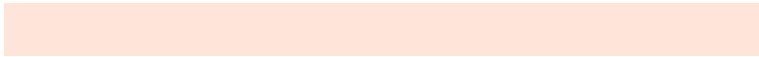
81.8088, 0.3384, 0.3391



81.8088, 0.3361, 0.3479

Triad

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



81.8088, 0.3384, 0.3391



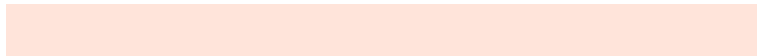
81.8088, 0.3020, 0.3412



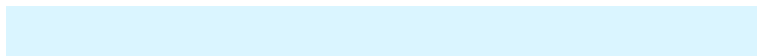
81.8088, 0.2979, 0.3069

Complementary

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



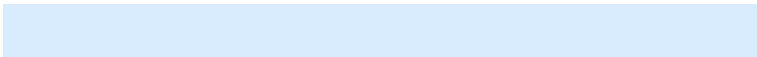
81.8088, 0.3384, 0.3391



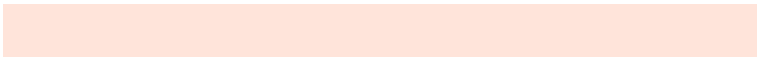
87.4145, 0.2902, 0.3187

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.



81.8088, 0.2898, 0.3099



81.8088, 0.3384, 0.3391



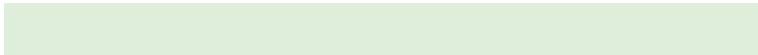
81.8088, 0.2921, 0.3296

Square

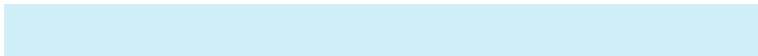
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8088, 0.3384, 0.3391



81.8088, 0.3149, 0.3495



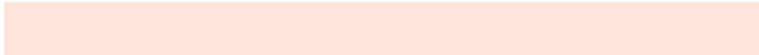
81.8088, 0.2877, 0.3181



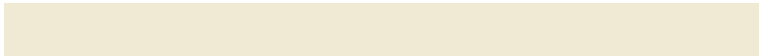
81.8088, 0.3101, 0.3096

Rectangle

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



81.8088, 0.3384, 0.3391



81.8088, 0.3308, 0.3512



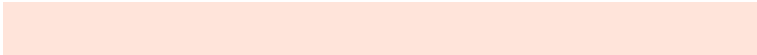
81.8088, 0.2877, 0.3181



81.8088, 0.2946, 0.3072

Sweetspot

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



81.8097, 0.3384, 0.3391



94.7057, 0.3191, 0.3317



77.9939, 0.3210, 0.3023



20.0630, 0.3204, 0.3322



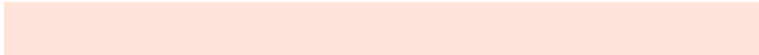
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



81.8097, 0.3384, 0.3391



78.9775, 0.3435, 0.3409



92.4533, 0.3358, 0.3570



18.7870, 0.3288, 0.3355



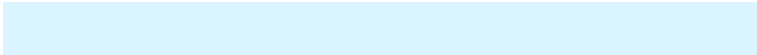
13.5447, 0.6035, 0.3590



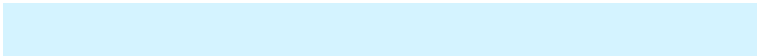
1.4906, 0.5815, 0.3765

Inverse Universe

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



87.4145, 0.2902, 0.3187



85.4246, 0.2864, 0.3168



76.8530, 0.2895, 0.2994



19.6007, 0.2980, 0.3224



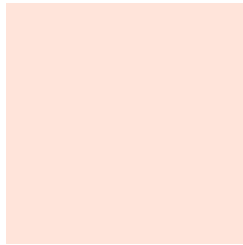
22.3758, 0.1996, 0.2384



2.3600, 0.2028, 0.2499

Previews

White Background



This preview shows how the Yxy color 81.8088, 0.3384, 0.3391 looks on a white background.

Color Contrast Check

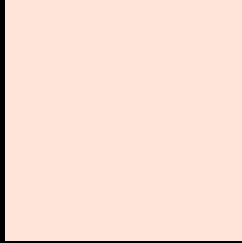
Large Text (above 18pt) WCAG AA × Fail

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 81.8088, 0.3384, 0.3391 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 81.8088, 0.3384, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 81.8088, 0.3384, 0.3391.

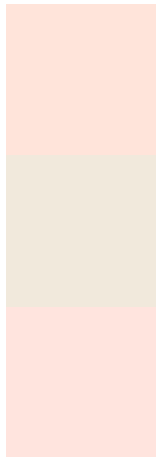


This preview shows how white text looks on a background with the Yxy color 81.8088, 0.3384, 0.3391.

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

81.8088, 0.3384, 0.3391

Protanopia

82.1459, 0.3265, 0.3424

Deuteranopia

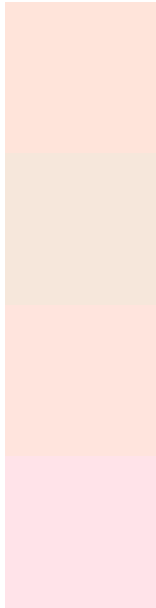
82.0207, 0.3357, 0.3351



Tritanopia

82.0036, 0.3231, 0.3143

Trichromacy



Original Color

81.8088, 0.3384, 0.3391

Protanomaly

81.8591, 0.3309, 0.3413

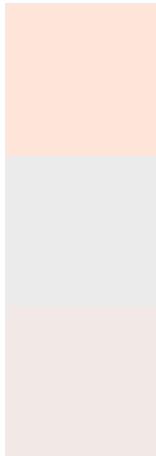
Deuteranomaly

81.9673, 0.3363, 0.3361

Tritanomaly

82.0814, 0.3284, 0.3231

Monochromacy



Original Color

81.8088, 0.3384, 0.3391

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.2476, 0.3215, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8088, 0.3384, 0.3391 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, 228, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 218)  
}
```

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, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 218) }
```

Border

The CSS property to change the border of an element to Yxy 81.8088, 0.3384, 0.3391 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, 228, 218) }
```

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

```
.border{ border-color:rgb(255, 228, 218) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8088, 0.3384, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 218) }
```

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

```
.background{ background-color: rgb(255,  
228, 218) }
```

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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