

Converting Colors

$Y_{xy}(100.0000, 0.3952, 0.3421)$

Have a look what the booklet for
Yxy(100.0000, 0.3952, 0.3421)
contains.

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Color

Yxy(82.7087, 0.3408, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D6
RGB	255, 230, 214
RGB Percent	100%, 90%, 84%
CMY	0.0000, 0.0980, 0.1608
CMYK	0.00, 0.10, 0.16, 0.00
HSL	23°, 100%, 92%
HSV	23°, 16%, 100%
XYZ	81.6781, 82.7087, 75.2791
YIQ	235.6510, 20.0360, 0.3240

Conversions

Conversions Part 2

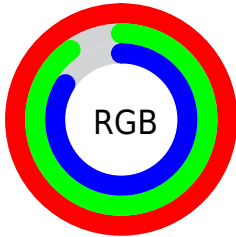
Format	Color
R _Y B	255, 240, 214
Decimal	16770774
CIE Lab	92.89, 6.02, 10.89
CIE LCh	93, 12.443, 61.044
Yxy	82.7087, 0.3408, 0.3451
Android (android.graphics.Color)	4294960854 (0xFFFFE6D6)
YUV	235.6510, -10.6739, 16.9691
Hunter-Lab	90.9443, 1.1603, 14.5838

Details

The Yxy color $82.7087, 0.3408, 0.3451$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.2508, 0.2876, 0.3123$, and the grayscale version is $83.6718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.1689, 0.3473, 0.3496$ is the 20% darker color. If you saturate the color by 10%, you get $73.2352, 0.3621, 0.3558$, and if you desaturate by 10%, it is $93.1604, 0.3225, 0.3349$.

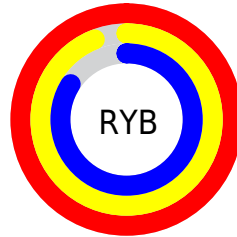
Distribution



Red (100%)

Green (90%)

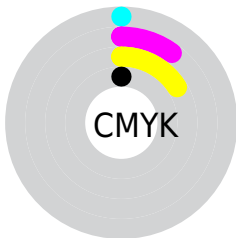
Blue (84%)



Red (100%)

Yellow (94%)

Blue (84%)

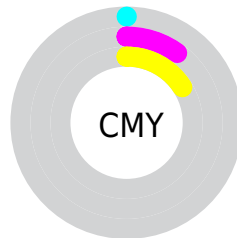


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.7087, 0.3408, 0.3451 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 82.7087, 0.3408, 0.3451 by changing the saturation by 10% instead.

 82.7087, 0.3408,
0.3451

 82.7087, 0.3408,
0.3451


504.0152, 0.3280,
0.3379

 61.9499, 0.3437,
0.3467

137.1674, 0.3364,
0.3427

 44.9922, 0.3472,
0.3486


171.6361, 0.3347,
0.3417

 31.4513, 0.3516,
0.3509


211.4434, 0.3332,
0.3409

 20.9427, 0.3573,
0.3539

256.9740, 0.3319,
0.3402

 13.0821, 0.3649,
0.3578

308.6120, 0.3308,
0.3395

 7.4851, 0.3757,
0.3632

366.7419, 0.3298,

 3.7673, 0.3919,

0.3389

0.3708

431.7482, 0.3288,
0.3384

■ 1.5443, 0.4199,
0.3834

■ 0.3196, 0.5852,
0.4148

■ 82.7087, 0.3408,
0.3451

■ 82.7087, 0.3408,
0.3451

■ 73.2352, 0.3621,
0.3558

■ 93.1604, 0.3225,
0.3349

■ 64.7069, 0.3867,
0.3666

100.0000, 0.3127,
0.3290

■ 57.0940, 0.4146,
0.3770

■ 50.3634, 0.4455,
0.3860

■ 44.4798, 0.4783,
0.3925

■ 39.4051, 0.5113,
0.3951

■ 35.0976, 0.5417,
0.3928

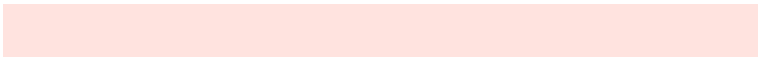
■ 31.5096, 0.5671,
0.3850

■ 30.2805, 0.5757,
0.3811

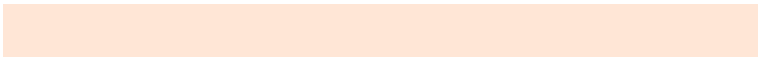
Harmonies

Analogous

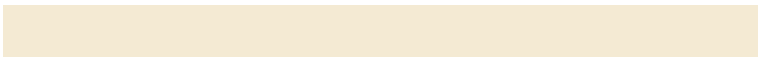
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7087, 0.3392, 0.3336



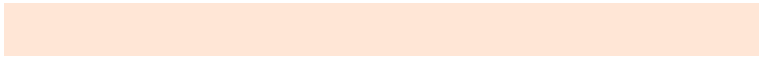
82.7087, 0.3408, 0.3451



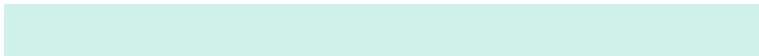
82.7087, 0.3347, 0.3527

Triad

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



82.7087, 0.3408, 0.3451



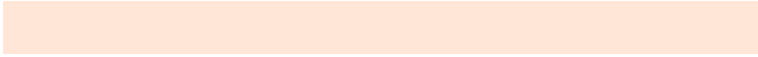
82.7087, 0.2953, 0.3367



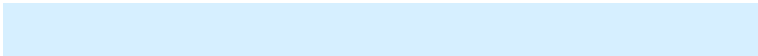
82.7087, 0.3023, 0.3053

Complementary

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



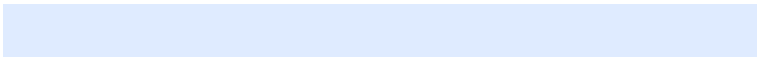
82.7087, 0.3408, 0.3451



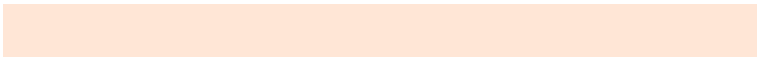
83.2508, 0.2876, 0.3123

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.



82.7087, 0.2909, 0.3056



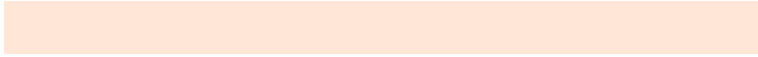
82.7087, 0.3408, 0.3451



82.7087, 0.2870, 0.3235

Square

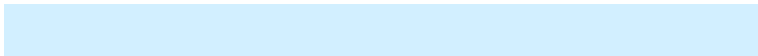
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7087, 0.3408, 0.3451



82.7087, 0.3083, 0.3480



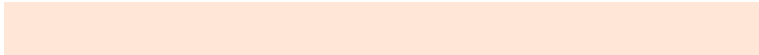
82.7087, 0.2854, 0.3121



82.7087, 0.3167, 0.3110

Rectangle

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



82.7087, 0.3408, 0.3451



82.7087, 0.3272, 0.3543



82.7087, 0.2854, 0.3121



82.7087, 0.2980, 0.3047

Sweetspot

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



82.7098, 0.3408, 0.3451



94.3453, 0.3207, 0.3338



75.6038, 0.3253, 0.3040



20.0280, 0.3219, 0.3345



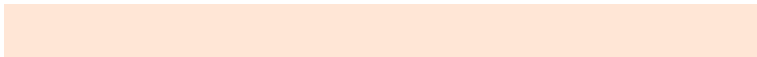
0.0000, 0.0000, 0.0000



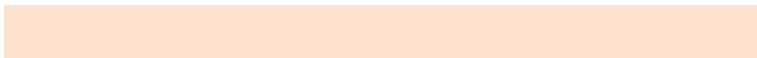
21.4041, 0.3127, 0.3290

Same Dimension

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



82.7098, 0.3408, 0.3451



79.8407, 0.3467, 0.3482



94.6214, 0.3377, 0.3646



19.1496, 0.3285, 0.3383



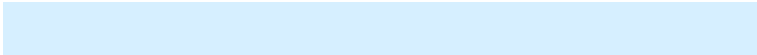
16.0912, 0.5728, 0.3834



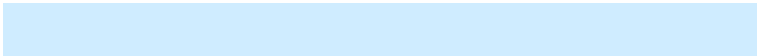
1.7717, 0.5517, 0.4001

Inverse Universe

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



83.2508, 0.2876, 0.3123



80.4653, 0.2829, 0.3090



72.0684, 0.2866, 0.2907



19.2215, 0.2979, 0.3195



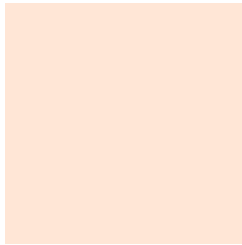
16.4064, 0.1876, 0.1955



1.8100, 0.1923, 0.2123

Previews

White Background



This preview shows how the Yxy color 82.7087, 0.3408, 0.3451 looks on a white background.

Color Contrast Check

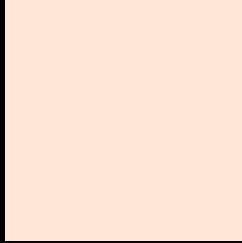
Large Text (above 18pt) WCAG AA × Fail

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 82.7087, 0.3408, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

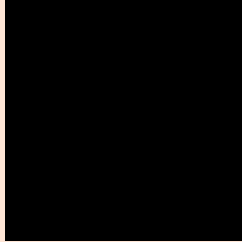
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

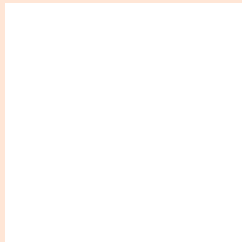
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7087, 0.3408, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 82.7087, 0.3408, 0.3451.

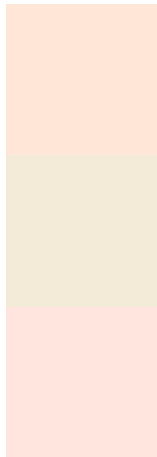


This preview shows how white text looks on a background with the Yxy color 82.7087, 0.3408, 0.3451.

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

82.7087, 0.3408, 0.3451

Protanopia

82.8582, 0.3304, 0.3475

Deuteranopia

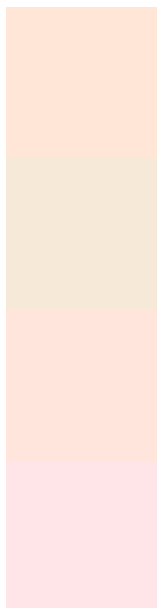
82.5725, 0.3355, 0.3360



Tritanopia

82.6090, 0.3224, 0.3143

Trichromacy



Original Color

82.7087, 0.3408, 0.3451

Protanomaly

82.9583, 0.3340, 0.3474

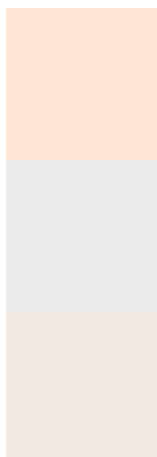
Deuteranomaly

82.4131, 0.3376, 0.3391

Tritanomaly

82.5730, 0.3289, 0.3251

Monochromacy



Original Color

82.7087, 0.3408, 0.3451

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.5018, 0.3226, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7087, 0.3408, 0.3451 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, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 214)  
}
```

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, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 214) }
```

Border

The CSS property to change the border of an element to Yxy 82.7087, 0.3408, 0.3451 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, 230, 214) }
```

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

```
.border{ border-color:rgb(255, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7087, 0.3408, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 214) }
```

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

```
.background{ background-color: rgb(255,  
230, 214) }
```

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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