

Converting Colors

$Yxy(79.8465, 0.3409, 0.3468)$

Have a look what the booklet for
Yxy(79.8465, 0.3409, 0.3468)
contains.

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Color

Yxy(79.8656, 0.3411, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	FAE3D1
RGB	250, 227, 209
RGB Percent	98%, 89%, 82%
CMY	0.0194, 0.1099, 0.1803
CMYK	0.00, 0.09, 0.16, 0.02
HSL	26°, 81%, 90%
HSV	26°, 16%, 98%
XYZ	78.4173, 79.8656, 71.6124
YIQ	231.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

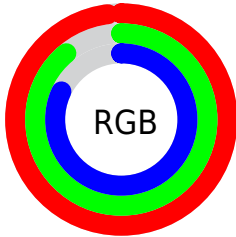
Format	Color
R _Y B	250, 241, 209
Decimal	16442321
CIE Lab	91.62, 5.05, 11.63
CIE LCh	92, 12.680, 66.519
Yxy	79.8656, 0.3411, 0.3474
Android (android.graphics.Color)	4294632401 (0xFFFAE3D1)
YUV	231.8250, -11.2527, 15.9395
Hunter-Lab	89.3676, 0.2350, 15.0468

Details

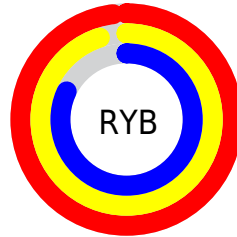
The Yxy color **79.8656, 0.3411, 0.3474** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2214, 0.2870, 0.3099**, and the grayscale version is **80.6401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2091, 0.3469, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **71.3496, 0.3620, 0.3593**, and if you desaturate by 10%, it is **89.2107, 0.3230, 0.3360**.

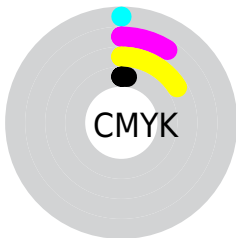
Distribution



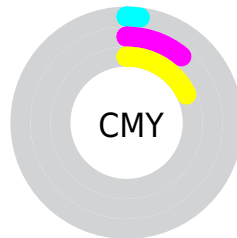
- Red (98%)
- Green (89%)
- Blue (82%)



- Red (98%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.8656, 0.3411, 0.3474 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 79.8656, 0.3411, 0.3474 by changing the saturation by 10% instead.


 79.8656, 0.3411,
0.3474

 79.8656, 0.3411,
0.3474


494.4798, 0.3281,
0.3391

 59.6078, 0.3440,
0.3492


133.1768, 0.3366,
0.3446

 43.1026, 0.3476,
0.3514


166.9989, 0.3349,
0.3435

 29.9656, 0.3522,
0.3542


206.1112, 0.3334,
0.3425

 19.8125, 0.3580,
0.3578

250.8981, 0.3320,
0.3417

 12.2588, 0.3659,
0.3624

301.7440, 0.3309,
0.3409

 6.9202, 0.3771,
0.3689

359.0334, 0.3299,

 3.4122, 0.3941,

0.3403

0.3782

423.1505, 0.3289,
0.3397

■ 1.3505, 0.4286,
0.3981

■ 0.1798, 0.6207,
0.3793

■ 79.8656, 0.3411,
0.3474

■ 79.8656, 0.3411,
0.3474

■ 71.3496, 0.3620,
0.3593

■ 89.2107, 0.3230,
0.3360

■ 63.6281, 0.3858,
0.3714

■ 99.0738, 0.3097,
0.3290

■ 56.6794, 0.4125,
0.3829

■ 50.4768, 0.4417,
0.3931

■ 44.9915, 0.4723,
0.4006

■ 40.1928, 0.5028,
0.4041

■ 36.0463, 0.5308,
0.4026

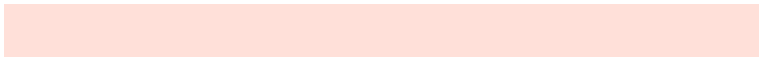
■ 32.5132, 0.5543,
0.3955

■ 31.3802, 0.5618,
0.3921

Harmonies

Analogous

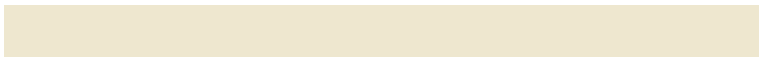
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8656, 0.3409, 0.3360



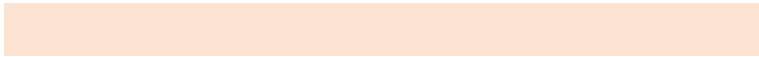
79.8656, 0.3411, 0.3474



79.8656, 0.3335, 0.3542

Triad

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



79.8656, 0.3411, 0.3474



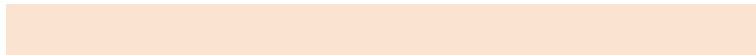
79.8656, 0.2927, 0.3345



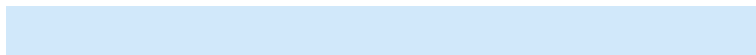
79.8656, 0.3045, 0.3053

Complementary

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



79.8656, 0.3411, 0.3474



78.2214, 0.2870, 0.3099

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.



79.8656, 0.2920, 0.3044



79.8656, 0.3411, 0.3474



79.8656, 0.2853, 0.3209

Square

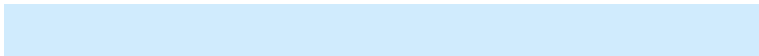
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8656, 0.3411, 0.3474



79.8656, 0.3055, 0.3469



79.8656, 0.2851, 0.3099



79.8656, 0.3195, 0.3121

Rectangle

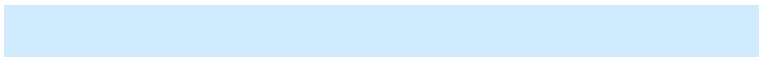
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8656, 0.3411, 0.3474



79.8656, 0.3252, 0.3550



79.8656, 0.2851, 0.3099



79.8656, 0.2999, 0.3043

Sweetspot

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



79.8692, 0.3411, 0.3474



94.7185, 0.3207, 0.3344



71.7833, 0.3270, 0.3055



20.1186, 0.3218, 0.3352



0.0000, 0.0000, 0.0000



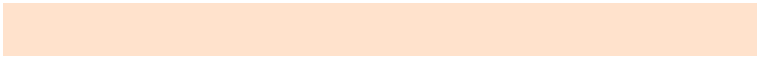
21.4041, 0.3127, 0.3290

Same Dimension

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



79.8692, 0.3411, 0.3474



80.1949, 0.3483, 0.3517



91.6538, 0.3379, 0.3673



18.4759, 0.3283, 0.3394



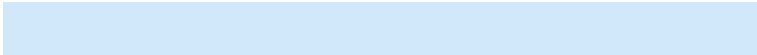
16.9121, 0.5590, 0.3943



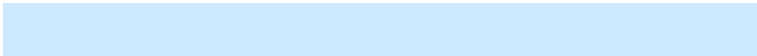
1.7733, 0.5384, 0.4107

Inverse Universe

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



78.2214, 0.2870, 0.3099



78.1455, 0.2812, 0.3052



67.4251, 0.2860, 0.2876



18.2617, 0.2980, 0.3184



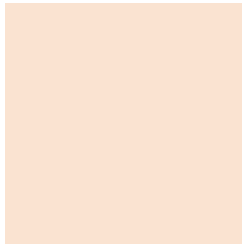
13.9814, 0.1830, 0.1788



1.5060, 0.1884, 0.1983

Previews

White Background



This preview shows how the Yxy color 79.8656, 0.3411, 0.3474 looks on a white background.

Color Contrast Check

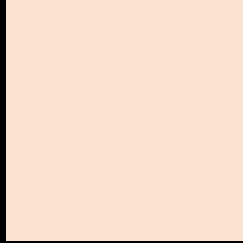
Large Text (above 18pt) WCAG AA × Fail

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 79.8656, 0.3411, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

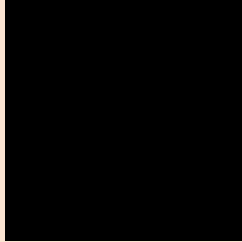
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.8656, 0.3411, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 79.8656, 0.3411, 0.3474.

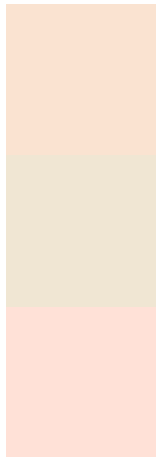


This preview shows how white text looks on a background with the Yxy color 79.8656, 0.3411, 0.3474.

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

79.8656, 0.3411, 0.3474

Protanopia

79.8220, 0.3321, 0.3488

Deuteranopia

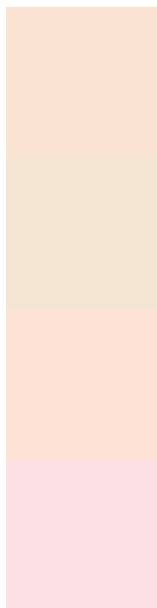
80.0167, 0.3409, 0.3391



Tritanopia

79.6047, 0.3234, 0.3112

Trichromacy



Original Color

79.8656, 0.3411, 0.3474

Protanomaly

79.9249, 0.3357, 0.3487

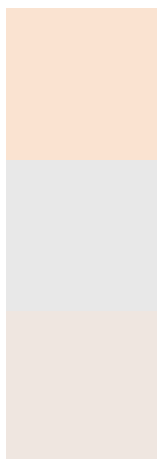
Deuteranomaly

80.0795, 0.3407, 0.3422

Tritanomaly

79.8511, 0.3300, 0.3241

Monochromacy



Original Color

79.8656, 0.3411, 0.3474

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3262, 0.3228, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8656, 0.3411, 0.3474 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(250, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 209)  
}
```

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(250, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 209) }
```

Border

The CSS property to change the border of an element to Yxy 79.8656, 0.3411, 0.3474 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(250, 227, 209) }
```

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

```
.border{ border-color:rgb(250, 227, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8656, 0.3411, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 209) }
```

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

```
.background{ background-color: rgb(250,  
227, 209) }
```

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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