

Converting Colors

Yxy(80.3842, 0.3383, 0.3503)

Have a look what the booklet for
Yxy(80.3842, 0.3383, 0.3503)
contains.

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Color

Yxy(80.2349, 0.3379, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	F6E5D1
RGB	246, 229, 209
RGB Percent	96%, 90%, 82%
CMY	0.0351, 0.1020, 0.1804
CMYK	0.00, 0.07, 0.15, 0.04
HSL	32°, 67%, 89%
HSV	32°, 15%, 96%
XYZ	77.5497, 80.2349, 71.7203
YIQ	231.8030, 16.5520, -2.6160

Conversions

Conversions Part 2

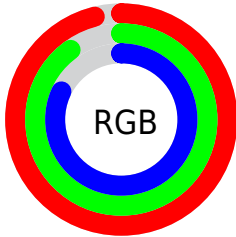
Format	Color
R _Y B	240, 246, 209
Decimal	16180689
CIE Lab	91.79, 2.60, 11.83
CIE LCh	92, 12.111, 77.590
Yxy	80.2349, 0.3379, 0.3496
Android (android.graphics.Color)	4294370769 (0xFFFF6E5D1)
YUV	231.8030, -11.2419, 12.4508
Hunter-Lab	89.5739, -2.2159, 15.2293

Details

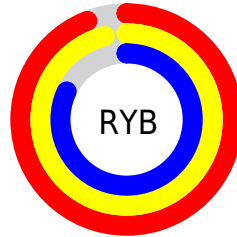
The Yxy color **80.2349, 0.3379, 0.3496** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.6470, 0.2890, 0.3075**, and the grayscale version is **80.6247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.4575, 0.3427, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **73.0423, 0.3574, 0.3641**, and if you desaturate by 10%, it is **88.0325, 0.3206, 0.3357**.

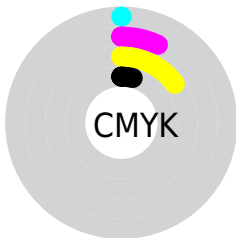
Distribution



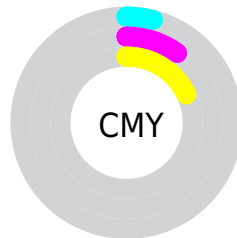
- Red (96%)
- Green (90%)
- Blue (82%)



- Red (94%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (4%)




- Cyan (4%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.2349, 0.3379, 0.3496 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 80.2349, 0.3379, 0.3496 by changing the saturation by 10% instead.

 80.2349, 0.3379,
0.3496

 80.2349, 0.3379,
0.3496


495.7241, 0.3264,
0.3403

 59.9117, 0.3405,
0.3517

133.6959, 0.3339,
0.3464

 43.3474, 0.3437,
0.3542


167.6025, 0.3324,
0.3452

 30.1578, 0.3476,
0.3574


206.8057, 0.3311,
0.3441

 19.9584, 0.3528,
0.3614

251.6899, 0.3299,
0.3431

 12.3648, 0.3597,
0.3669

302.6394, 0.3289,
0.3423

 6.9926, 0.3695,
0.3744

360.0387, 0.3280,

 3.4575, 0.3843,

0.3416

0.3855

424.2721, 0.3271,
0.3409

■ 1.3750, 0.4145,
0.4088

■ 0.1982, 0.5597,
0.4403

■ 80.2349, 0.3379,
0.3496

■ 80.2349, 0.3379,
0.3496

■ 73.0423, 0.3574,
0.3641

■ 88.0325, 0.3206,
0.3357

■ 66.4278, 0.3791,
0.3787

■ 96.2315, 0.3073,
0.3258

■ 60.3776, 0.4029,
0.3929

■ 98.3440, 0.3072,
0.3290

■ 54.8733, 0.4283,
0.4057

■ 49.8953, 0.4544,
0.4159

■ 45.4222, 0.4799,
0.4223

■ 41.4301, 0.5033,
0.4238

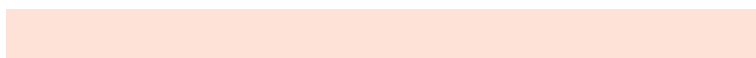
■ 37.8914, 0.5230,
0.4196

■ 36.2949, 0.5316,
0.4161

Harmonies

Analogous

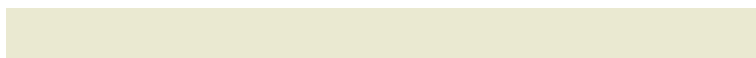
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2349, 0.3406, 0.3401



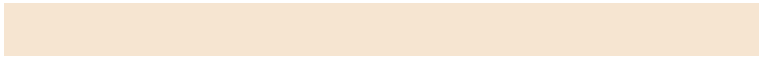
80.2349, 0.3379, 0.3496



80.2349, 0.3284, 0.3538

Triad

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



80.2349, 0.3379, 0.3496



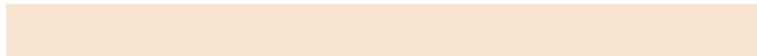
80.2349, 0.2903, 0.3294



80.2349, 0.3101, 0.3081

Complementary

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



80.2349, 0.3379, 0.3496



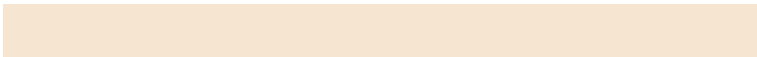
74.6470, 0.2890, 0.3075

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.



80.2349, 0.2969, 0.3051



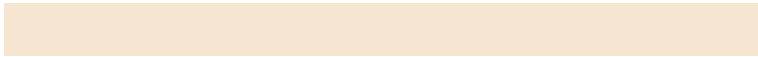
80.2349, 0.3379, 0.3496



80.2349, 0.2857, 0.3170

Square

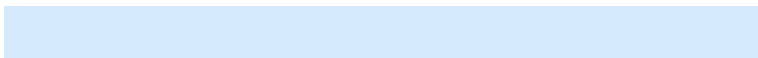
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.2349, 0.3379, 0.3496



80.2349, 0.3009, 0.3421



80.2349, 0.2880, 0.3082



80.2349, 0.3243, 0.3164

Rectangle

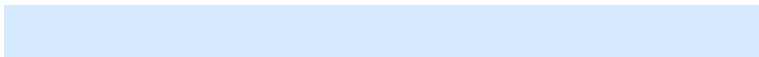
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.2349, 0.3379, 0.3496



80.2349, 0.3196, 0.3528



80.2349, 0.2880, 0.3082



80.2349, 0.3054, 0.3065

Sweetspot

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



80.2385, 0.3379, 0.3496



95.5149, 0.3206, 0.3357



70.7123, 0.3283, 0.3112



20.3121, 0.3217, 0.3366



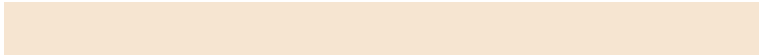
0.0000, 0.0000, 0.0000



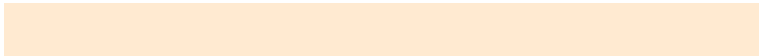
21.4041, 0.3127, 0.3290

Same Dimension

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



80.2385, 0.3379, 0.3496



84.6299, 0.3435, 0.3539



89.9338, 0.3345, 0.3665



17.9630, 0.3280, 0.3418



19.6461, 0.5293, 0.4179



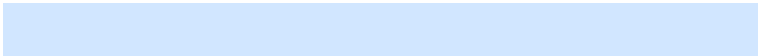
1.9322, 0.5117, 0.4319

Inverse Universe

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



74.6470, 0.2890, 0.3075



77.5215, 0.2841, 0.3028



65.9950, 0.2891, 0.2887



17.1849, 0.2980, 0.3159



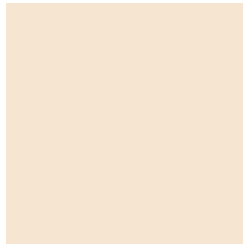
10.1698, 0.1736, 0.1448



1.0970, 0.1802, 0.1685

Previews

White Background



This preview shows how the Yxy color 80.2349, 0.3379, 0.3496 looks on a white background.

Color Contrast Check

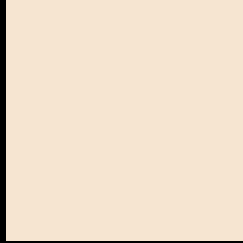
Large Text (above 18pt) WCAG AA × Fail

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 80.2349, 0.3379, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

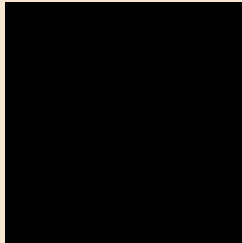
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.2349, 0.3379, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 80.2349, 0.3379, 0.3496.

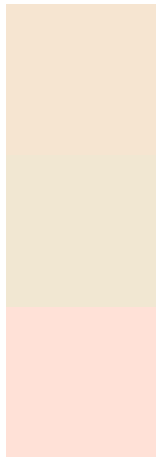


This preview shows how white text looks on a background with the Yxy color 80.2349, 0.3379, 0.3496.

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

80.2349, 0.3379, 0.3496

Protanopia

80.5057, 0.3333, 0.3508

Deuteranopia

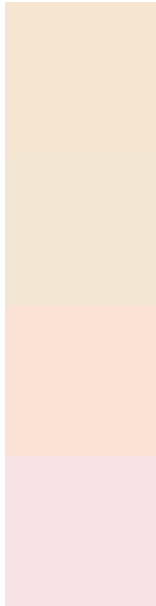
80.0167, 0.3409, 0.3391



Tritanopia

80.0461, 0.3191, 0.3111

Trichromacy



Original Color

80.2349, 0.3379, 0.3496

Protanomaly

80.3015, 0.3349, 0.3497

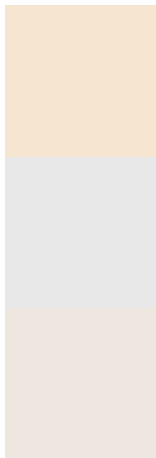
Deuteranomaly

79.8923, 0.3399, 0.3422

Tritanomaly

80.2456, 0.3262, 0.3250

Monochromacy



Original Color

80.2349, 0.3379, 0.3496

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.5382, 0.3213, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2349, 0.3379, 0.3496 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(246, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 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(246, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 209) }
```

Border

The CSS property to change the border of an element to Yxy 80.2349, 0.3379, 0.3496 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(246, 229, 209) }
```

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

```
.border{ border-color:rgb(246, 229, 209) }
```

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

Here you see how a box with a 4 pixel rgb(246, 229, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2349, 0.3379, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 209) }
```

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

```
.background{ background-color: rgb(246,  
229, 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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