

Converting Colors

$Yxy(82.6709, 0.3319, 0.3351)$

Have a look what the booklet for
Yxy(82.6709, 0.3319, 0.3351)
contains.

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Color

Yxy(82.6709, 0.3319, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	FCE6E0
RGB	252, 230, 224
RGB Percent	99%, 90%, 88%
CMY	0.0120, 0.0979, 0.1216
CMYK	0.00, 0.09, 0.11, 0.01
HSL	13°, 82%, 93%
HSV	13°, 11%, 99%
XYZ	81.8814, 82.6709, 82.1528
YIQ	235.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

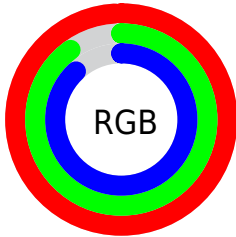
Format	Color
R _Y B	252, 232, 224
Decimal	16574176
CIE Lab	92.87, 6.49, 5.63
CIE LCh	93, 8.593, 40.953
Yxy	82.6709, 0.3319, 0.3351
Android (android.graphics.Color)	4294764256 (0xFFFC6E0)
YUV	235.8940, -5.8637, 14.1250
Hunter-Lab	90.9235, 1.6325, 10.0757

Details

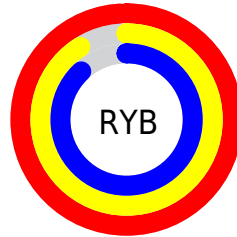
The Yxy color **82.6709, 0.3319, 0.3351** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.7307, 0.2955, 0.3228**, and the grayscale version is **83.8302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1266, 0.3358, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **71.0256, 0.3530, 0.3410**, and if you desaturate by 10%, it is **95.7724, 0.3144, 0.3296**.

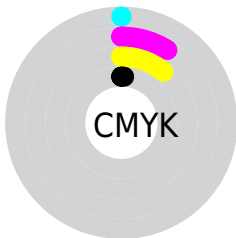
Distribution



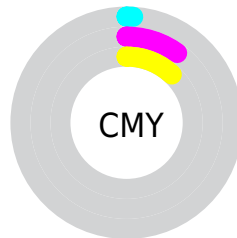
- Red (99%)
- Green (90%)
- Blue (88%)



- Red (99%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (1%)




- Cyan (1%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6709, 0.3319, 0.3351 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 82.6709, 0.3319, 0.3351 by changing the saturation by 10% instead.

 82.6709, 0.3319,
0.3351

 82.6709, 0.3319,
0.3351


503.8891, 0.3232,
0.3324

 61.9187, 0.3339,
0.3357

137.1144, 0.3289,
0.3342

 44.9670, 0.3363,
0.3364


171.5746, 0.3277,
0.3338

 31.4314, 0.3393,
0.3373

211.3728, 0.3267,
0.3335

 20.9276, 0.3432,
0.3384

256.8935, 0.3258,
0.3332

 13.0711, 0.3484,
0.3398

308.5211, 0.3251,
0.3330

 7.4775, 0.3558,
0.3418

366.6399, 0.3244,

 3.7625, 0.3671,

0.3328

0.3446

431.6345, 0.3237,
0.3326

■ 1.5416, 0.3862,
0.3489

■ 0.3177, 0.5917,
0.4083

■ 82.6709, 0.3319,
0.3351

■ 82.6709, 0.3319,
0.3351

■ 71.0256, 0.3530,
0.3410

■ 95.7724, 0.3144,
0.3296

■ 60.7752, 0.3784,
0.3471

■ 99.4264, 0.3108,
0.3290

■ 51.8702, 0.4085,
0.3530

■ 44.2539, 0.4436,
0.3583

■ 37.8657, 0.4828,
0.3622

■ 32.6397, 0.5241,
0.3635

■ 28.5037, 0.5636,
0.3614

■ 25.3768, 0.5965,
0.3554

■ 23.3606, 0.6175,
0.3479

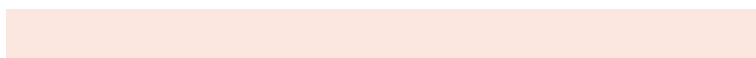
Harmonies

Analogous

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



82.6709, 0.3273, 0.3264



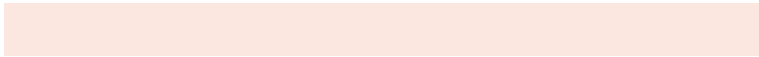
82.6709, 0.3319, 0.3351



82.6709, 0.3312, 0.3423

Triad

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



82.6709, 0.3319, 0.3351



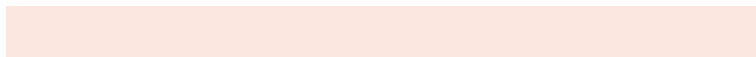
82.6709, 0.3065, 0.3398



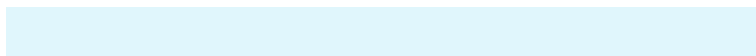
82.6709, 0.2999, 0.3122

Complementary

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



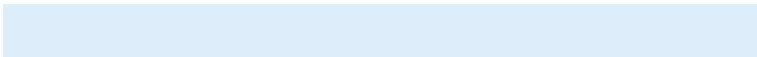
82.6709, 0.3319, 0.3351



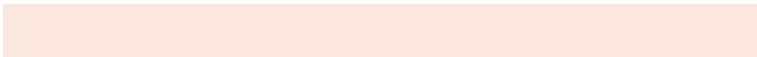
88.7307, 0.2955, 0.3228

Split Complementary

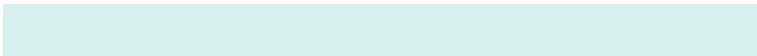
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6709, 0.2945, 0.3155



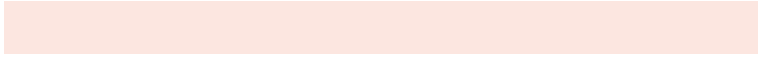
82.6709, 0.3319, 0.3351



82.6709, 0.2983, 0.3314

Square

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



82.6709, 0.3319, 0.3351



82.6709, 0.3165, 0.3453



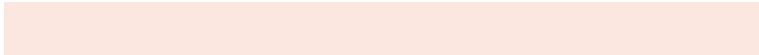
82.6709, 0.2939, 0.3224



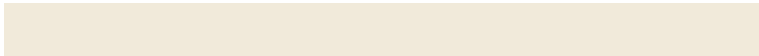
82.6709, 0.3087, 0.3134

Rectangle

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



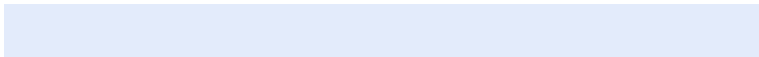
82.6709, 0.3319, 0.3351



82.6709, 0.3279, 0.3453



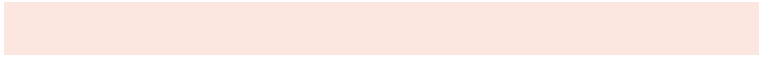
82.6709, 0.2939, 0.3224



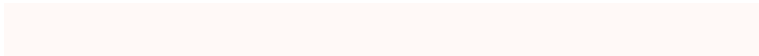
82.6709, 0.2976, 0.3128

Sweetspot

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



82.6746, 0.3319, 0.3351



95.7492, 0.3175, 0.3306



80.6672, 0.3176, 0.3070



20.2561, 0.3188, 0.3310



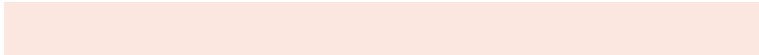
0.0000, 0.0000, 0.0000



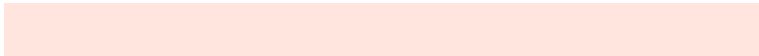
21.4041, 0.3127, 0.3290

Same Dimension

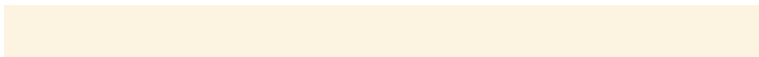
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6746, 0.3319, 0.3351



82.5675, 0.3356, 0.3362



90.5059, 0.3303, 0.3484



17.8324, 0.3289, 0.3342



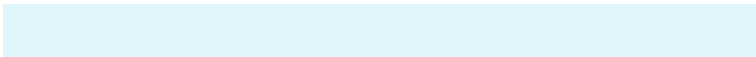
12.3478, 0.6149, 0.3500



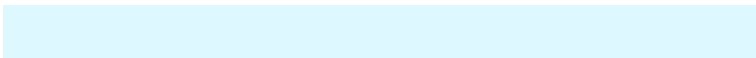
1.2917, 0.5928, 0.3675

Inverse Universe

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



88.7307, 0.2955, 0.3228



89.7652, 0.2926, 0.3217



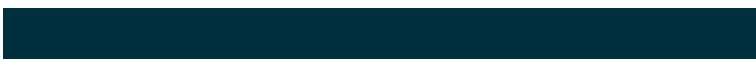
80.7963, 0.2953, 0.3088



18.9353, 0.2980, 0.3238



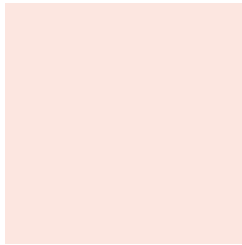
24.8311, 0.2050, 0.2579



2.4522, 0.2076, 0.2673

Previews

White Background



This preview shows how the Yxy color 82.6709, 0.3319, 0.3351 looks on a white background.

Color Contrast Check

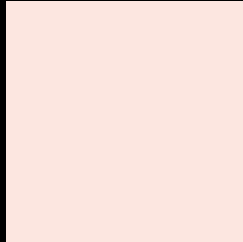
Large Text (above 18pt) WCAG AA × Fail

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 82.6709, 0.3319, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

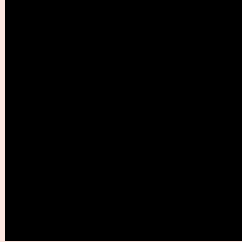
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

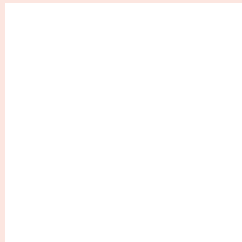
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6709, 0.3319, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 82.6709, 0.3319, 0.3351.

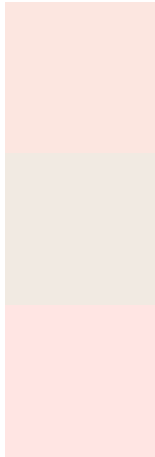


This preview shows how white text looks on a background with the Yxy color 82.6709, 0.3319, 0.3351.

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

82.6709, 0.3319, 0.3351

Protanopia

83.0374, 0.3225, 0.3372

Deuteranopia

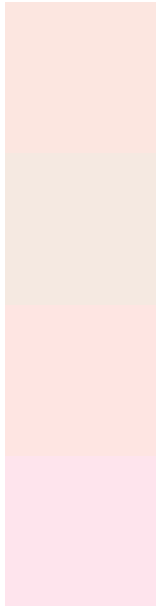
82.8447, 0.3322, 0.3310



Tritanopia

82.7907, 0.3204, 0.3114

Trichromacy



Original Color

82.6709, 0.3319, 0.3351

Protanomaly

83.1265, 0.3260, 0.3372

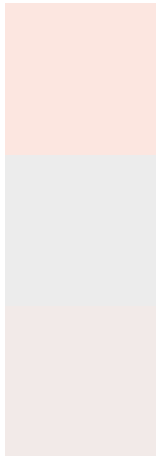
Deuteranomaly

82.6004, 0.3321, 0.3320

Tritanomaly

82.6721, 0.3249, 0.3201

Monochromacy



Original Color

82.6709, 0.3319, 0.3351

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.5491, 0.3194, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6709, 0.3319, 0.3351 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(252, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 224)  
}
```

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(252, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 224) }
```

Border

The CSS property to change the border of an element to Yxy 82.6709, 0.3319, 0.3351 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(252, 230, 224) }
```

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

```
.border{ border-color:rgb(252, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6709, 0.3319, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 224) }
```

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

```
.background{ background-color: rgb(252,  
230, 224) }
```

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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