

Converting Colors

$Yxy(81.0624, 0.3609, 0.3744)$

Have a look what the booklet for
Yxy(81.0624, 0.3609, 0.3744)
contains.

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Color

Yxy(80.8014, 0.3609, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5B9
RGB	255, 229, 185
RGB Percent	100%, 90%, 73%
CMY	0.0000, 0.1020, 0.2745
CMYK	0.00, 0.10, 0.27, 0.00
HSL	38°, 100%, 86%
HSV	38°, 27%, 100%
XYZ	78.0338, 80.8014, 57.3848
YIQ	231.7580, 29.6200, -8.1720

Conversions

Conversions Part 2

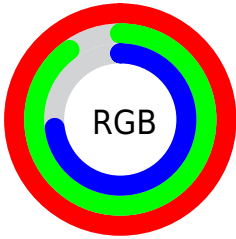
Format	Color
R _Y B	226, 255, 185
Decimal	16770489
CIE Lab	92.04, 2.48, 24.73
CIE LCh	92, 24.855, 84.269
Yxy	80.8014, 0.3609, 0.3737
Android (android.graphics.Color)	4294960569 (0xFFFFE5B9)
YUV	231.7580, -23.0517, 20.3832
Hunter-Lab	89.8896, -2.3497, 25.0725

Details

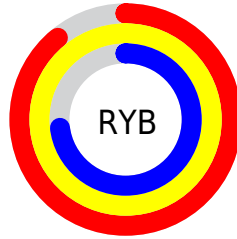
The Yxy color **80.8014, 0.3609, 0.3737** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.1345, 0.2677, 0.2798**, and the grayscale version is **80.6571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **43.9438, 0.3716, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **74.7086, 0.3816, 0.3905**, and if you desaturate by 10%, it is **87.3571, 0.3417, 0.3569**.

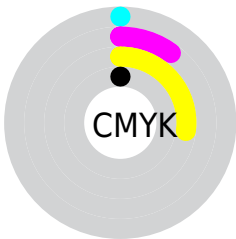
Distribution



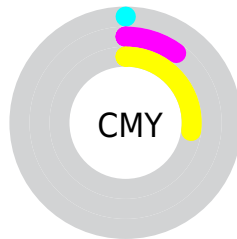
- Red (100%)
- Green (90%)
- Blue (73%)



- Red (89%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.8014, 0.3609, 0.3737 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 80.8014, 0.3609, 0.3737 by changing the saturation by 10% instead.

 80.8014, 0.3609,
0.3737

 80.8014, 0.3609,
0.3737


497.6295, 0.3391,
0.3536

 60.3780, 0.3657,
0.3781

 134.4919, 0.3534,
0.3669

 43.7234, 0.3717,
0.3835


168.5278, 0.3505,
0.3642

 30.4531, 0.3790,
0.3901


207.8700, 0.3480,
0.3618

 20.1828, 0.3884,
0.3984

252.9029, 0.3457,
0.3598

 12.5280, 0.4006,
0.4092

304.0109, 0.3438,
0.3580

 7.1043, 0.4172,
0.4236

361.5784, 0.3420,

 3.5274, 0.4405,

0.3564

0.4430

425.9898, 0.3405,
0.3549

■ 1.4129, 0.5025,
0.4975

■ 0.2262, 0.5492,
0.4508

■ 80.8014, 0.3609,
0.3737

■ 80.8014, 0.3609,
0.3737

■ 74.7086, 0.3816,
0.3905

■ 87.3571, 0.3417,
0.3569

■ 69.0888, 0.4036,
0.4065

■ 94.4146, 0.3244,
0.3406

■ 63.9176, 0.4262,
0.4207

100.0000, 0.3127,
0.3290

■ 59.1780, 0.4485,
0.4320

■ 54.8507, 0.4694,
0.4391

■ 50.9139, 0.4876,
0.4411

■ 47.3406, 0.5023,
0.4379

■ 46.4782, 0.5058,
0.4366

Harmonies

Analogous

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



80.8014, 0.3703, 0.3554



80.8014, 0.3609, 0.3737



80.8014, 0.3385, 0.3806

Triad

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



80.8014, 0.3609, 0.3737



80.8014, 0.2643, 0.3230



80.8014, 0.3135, 0.2904

Complementary

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



80.8014, 0.3609, 0.3737



64.1345, 0.2677, 0.2798

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.



80.8014, 0.2857, 0.2816



80.8014, 0.3609, 0.3737



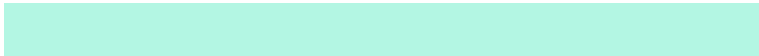
80.8014, 0.2583, 0.2988

Square

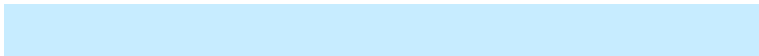
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8014, 0.3609, 0.3737



80.8014, 0.2829, 0.3505



80.8014, 0.2659, 0.2843



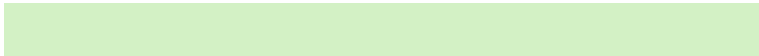
80.8014, 0.3423, 0.3084

Rectangle

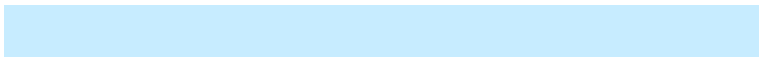
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8014, 0.3609, 0.3737



80.8014, 0.3196, 0.3768



80.8014, 0.2659, 0.2843



80.8014, 0.3037, 0.2863

Sweetspot

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



80.7931, 0.3609, 0.3737



94.0123, 0.3253, 0.3415



60.7058, 0.3499, 0.3015



19.8893, 0.3278, 0.3439



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.



80.7931, 0.3609, 0.3737



77.3570, 0.3722, 0.3831



94.7671, 0.3488, 0.3992



19.8893, 0.3278, 0.3439



24.5816, 0.5040, 0.4380



2.6029, 0.4918, 0.4477

Inverse Universe

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



64.1345, 0.2677, 0.2798



58.1619, 0.2579, 0.2680



53.2807, 0.2702, 0.2506



18.4836, 0.2979, 0.3136



8.2898, 0.1661, 0.1178



1.0081, 0.1723, 0.1402

Previews

White Background



This preview shows how the Yxy color 80.8014, 0.3609, 0.3737 looks on a white background.

Color Contrast Check

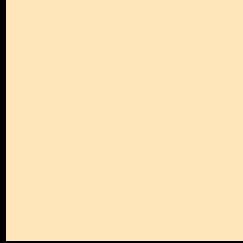
Large Text (above 18pt) WCAG AA × Fail

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 80.8014, 0.3609, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

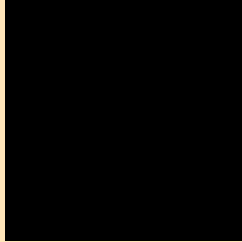
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.8014, 0.3609, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 80.8014, 0.3609, 0.3737.



This preview shows how white text looks on a background with the Yxy color 80.8014, 0.3609, 0.3737.

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

80.8014, 0.3609, 0.3737

Protanopia

81.0326, 0.3535, 0.3766

Deuteranopia

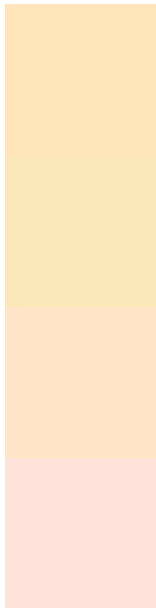
80.7032, 0.3461, 0.3493



Tritanopia

80.6857, 0.3260, 0.3162

Trichromacy



Original Color

80.8014, 0.3609, 0.3737

Protanomaly

81.0210, 0.3560, 0.3752

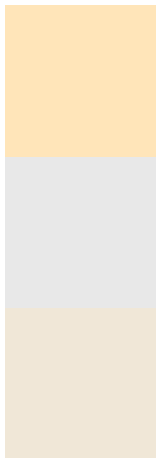
Deuteranomaly

80.8703, 0.3514, 0.3584

Tritanomaly

80.7147, 0.3387, 0.3371

Monochromacy



Original Color

80.8014, 0.3609, 0.3737

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.5834, 0.3293, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8014, 0.3609, 0.3737 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, 229, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 185)  
}
```

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, 229, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 185) }
```

Border

The CSS property to change the border of an element to Yxy 80.8014, 0.3609, 0.3737 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, 229, 185) }
```

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

```
.border{ border-color:rgb(255, 229, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8014, 0.3609, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 185) }
```

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

```
.background{ background-color: rgb(255,  
229, 185) }
```

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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