

Converting Colors

Yxy(81.8621, 0.3462, 0.3640)

Have a look what the booklet for
Yxy(81.8621, 0.3462, 0.3640)
contains.

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Color

Yxy(81.7469, 0.3462, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	F8E8C6
RGB	248, 232, 198
RGB Percent	97%, 91%, 78%
CMY	0.0273, 0.0902, 0.2234
CMYK	0.00, 0.06, 0.20, 0.03
HSL	41°, 78%, 87%
HSV	41°, 20%, 97%
XYZ	77.7708, 81.7469, 65.1235
YIQ	232.9080, 20.4500, -7.1820

Conversions

Conversions Part 2

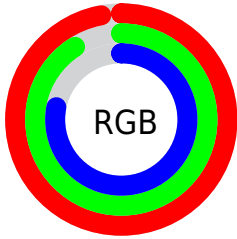
Format	Color
R _Y B	222, 248, 198
Decimal	16312518
CIE Lab	92.46, 0.15, 18.50
CIE LCh	92, 18.497, 89.548
Yxy	81.7469, 0.3462, 0.3639
Android (android.graphics.Color)	4294502598 (0xFF8E8C6)
YUV	232.9080, -17.2096, 13.2357
Hunter-Lab	90.4140, -4.6854, 20.5843

Details

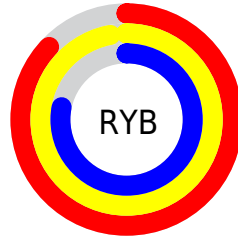
The Yxy color **81.7469, 0.3462, 0.3639** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.9141, 0.2801, 0.2915**, and the grayscale version is **81.5391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1407, 0.3537, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **76.3211, 0.3651, 0.3820**, and if you desaturate by 10%, it is **87.5701, 0.3288, 0.3462**.

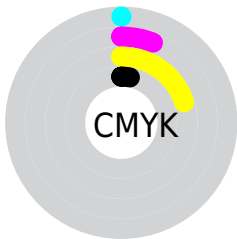
Distribution



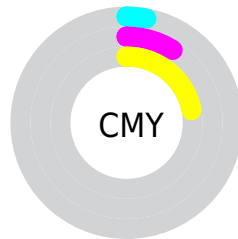
- Red (97%)
- Green (91%)
- Blue (78%)



- Red (87%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (3%)




- Cyan (3%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.7469, 0.3462, 0.3639 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 81.7469, 0.3462, 0.3639 by changing the saturation by 10% instead.


 81.7469, 0.3462,
0.3639

 81.7469, 0.3462,
0.3639

500.8007, 0.3310,
0.3481

 61.1569, 0.3496,
0.3674


135.8190, 0.3410,
0.3585

 44.3518, 0.3537,
0.3717


170.0699, 0.3390,
0.3564

 30.9472, 0.3588,
0.3770


209.6433, 0.3372,
0.3545

 20.5586, 0.3654,
0.3839

254.9235, 0.3357,
0.3529

 12.8018, 0.3741,
0.3930

306.2950, 0.3343,
0.3515

 7.2922, 0.3862,
0.4054

364.1421, 0.3331,

 3.6455, 0.4036,

0.3503

428.8492, 0.3320,
0.3491

0.4235

■ 1.4773, 0.4552,
0.4772

■ 0.2727, 0.4907,
0.5093

■ 81.7469, 0.3462,
0.3639

■ 81.7469, 0.3462,
0.3639

■ 76.3211, 0.3651,
0.3820

■ 87.5701, 0.3288,
0.3462

■ 71.2700, 0.3852,
0.3998

■ 93.7907, 0.3130,
0.3293

■ 66.5847, 0.4061,
0.4165

■ 98.7014, 0.3084,
0.3290

■ 62.2515, 0.4269,
0.4310

■ 58.2556, 0.4468,
0.4422

■ 54.5802, 0.4647,
0.4491

■ 51.2059, 0.4796,
0.4508

■ 48.1491, 0.4914,
0.4480

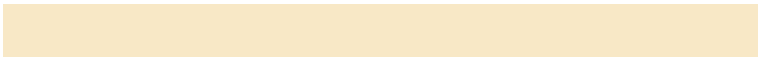
Harmonies

Analogous

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



81.7469, 0.3549, 0.3518



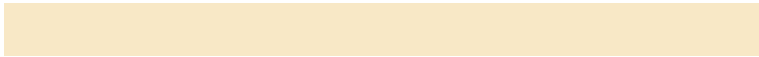
81.7469, 0.3462, 0.3639



81.7469, 0.3285, 0.3667

Triad

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



81.7469, 0.3462, 0.3639



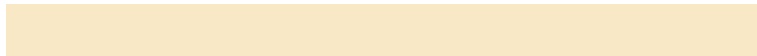
81.7469, 0.2750, 0.3214



81.7469, 0.3174, 0.3019

Complementary

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



81.7469, 0.3462, 0.3639



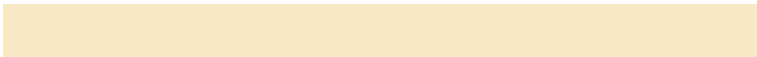
66.9141, 0.2801, 0.2915

Split Complementary

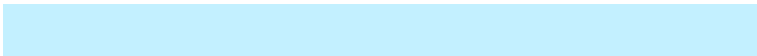
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7469, 0.2961, 0.2939



81.7469, 0.3462, 0.3639



81.7469, 0.2722, 0.3043

Square

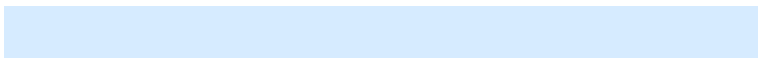
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7469, 0.3462, 0.3639



81.7469, 0.2876, 0.3415



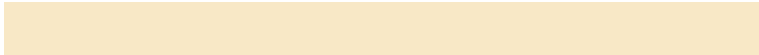
81.7469, 0.2797, 0.2946



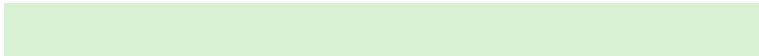
81.7469, 0.3380, 0.3165

Rectangle

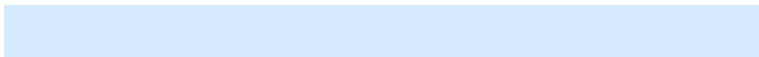
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7469, 0.3462, 0.3639



81.7469, 0.3142, 0.3624



81.7469, 0.2797, 0.2946



81.7469, 0.3100, 0.2984

Sweetspot

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



81.7506, 0.3462, 0.3639



95.9630, 0.3220, 0.3391



65.2545, 0.3399, 0.3117



20.4480, 0.3231, 0.3402



0.0000, 0.0000, 0.0000



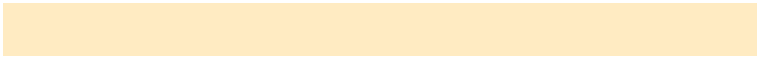
21.4041, 0.3127, 0.3290

Same Dimension

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



81.7506, 0.3462, 0.3639



84.7778, 0.3534, 0.3709



89.7021, 0.3375, 0.3803



19.1972, 0.3277, 0.3451



26.2685, 0.4900, 0.4492



2.6244, 0.4794, 0.4575

Inverse Universe

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



66.9141, 0.2801, 0.2915



66.4654, 0.2734, 0.2832



60.3553, 0.2847, 0.2741



17.5516, 0.2979, 0.3124



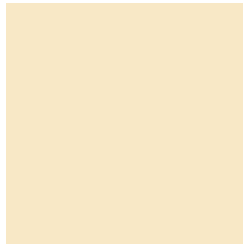
6.9465, 0.1624, 0.1045



0.8263, 0.1689, 0.1279

Previews

White Background



This preview shows how the Yxy color 81.7469, 0.3462, 0.3639 looks on a white background.

Color Contrast Check

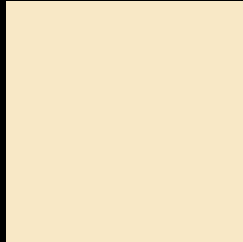
Large Text (above 18pt) WCAG AA × Fail

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 81.7469, 0.3462, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

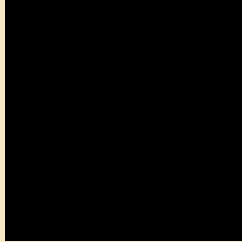
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.7469, 0.3462, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 81.7469, 0.3462, 0.3639.

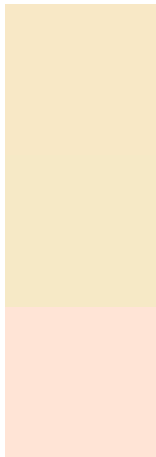


This preview shows how white text looks on a background with the Yxy color 81.7469, 0.3462, 0.3639.

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

81.7469, 0.3462, 0.3639

Protanopia

81.9479, 0.3446, 0.3651

Deuteranopia

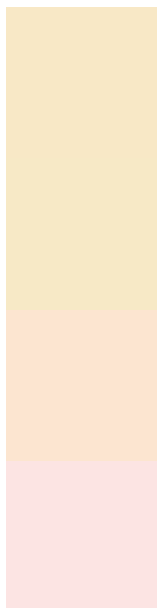
81.6018, 0.3411, 0.3431



Tritanopia

81.9346, 0.3211, 0.3123

Trichromacy



Original Color

81.7469, 0.3462, 0.3639

Protanomaly

82.1292, 0.3453, 0.3650

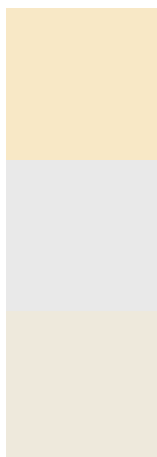
Deuteranomaly

81.2881, 0.3429, 0.3504

Tritanomaly

81.7283, 0.3302, 0.3301

Monochromacy



Original Color

81.7469, 0.3462, 0.3639

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6223, 0.3244, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7469, 0.3462, 0.3639 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(248, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(248, 232, 198)  
}
```

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(248, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 232, 198) }
```

Border

The CSS property to change the border of an element to Yxy 81.7469, 0.3462, 0.3639 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(248, 232, 198) }
```

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

```
.border{ border-color:rgb(248, 232, 198) }
```

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

Here you see how a box with a 4 pixel rgb(248, 232, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(248, 232,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7469, 0.3462, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 232, 198) }
```

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

```
.background{ background-color: rgb(248,  
232, 198) }
```

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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