

Converting Colors

Yxy(81.9765, 0.3463, 0.3628)

Have a look what the booklet for
Yxy(81.9765, 0.3463, 0.3628)
contains.

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Color

Yxy(81.9765, 0.3463, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8C7
RGB	249, 232, 199
RGB Percent	98%, 91%, 78%
CMY	0.0233, 0.0902, 0.2196
CMYK	0.00, 0.07, 0.20, 0.02
HSL	40°, 81%, 88%
HSV	40°, 20%, 98%
XYZ	78.2482, 81.9765, 65.7303
YIQ	233.3210, 20.7250, -6.6590

Conversions

Conversions Part 2

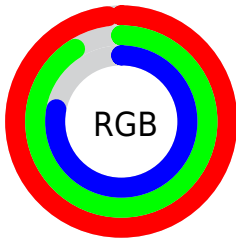
Format	Color
R _Y B	225, 249, 199
Decimal	16378055
CIE Lab	92.56, 0.66, 18.15
CIE LCh	93, 18.162, 87.905
Yxy	81.9765, 0.3463, 0.3628
Android (android.graphics.Color)	4294568135 (0xFFFF9E8C7)
YUV	233.3210, -16.9203, 13.7505
Hunter-Lab	90.5409, -4.1813, 20.3356

Details

The Yxy color **81.9765, 0.3463, 0.3628** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.1354, 0.2803, 0.2927**, and the grayscale version is **81.8655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3015, 0.3538, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **76.2491, 0.3655, 0.3804**, and if you desaturate by 10%, it is **88.1318, 0.3287, 0.3456**.

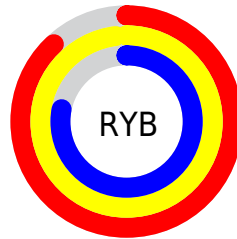
Distribution



Red (98%)

Green (91%)

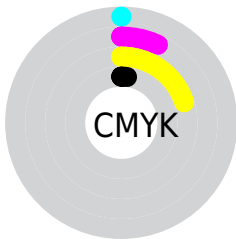
Blue (78%)



Red (88%)

Yellow (98%)

Blue (78%)

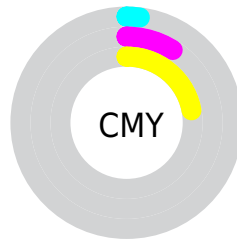


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (9%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9765, 0.3463, 0.3628 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 81.9765, 0.3463, 0.3628 by changing the saturation by 10% instead.

 81.9765, 0.3463,
0.3628

 81.9765, 0.3463,
0.3628

501.5691, 0.3311,
0.3475

 61.3462, 0.3497,
0.3662


136.1410, 0.3411,
0.3576

 44.5046, 0.3538,
0.3703


170.4440, 0.3390,
0.3555

 31.0674, 0.3590,
0.3755


210.0734, 0.3373,
0.3538

 20.6502, 0.3656,
0.3821

255.4135, 0.3357,
0.3522

 12.8685, 0.3744,
0.3908

306.8487, 0.3344,
0.3508

 7.3381, 0.3865,
0.4028

364.7634, 0.3332,

 3.6744, 0.4041,

0.3496

0.4201

429.5421, 0.3321,
0.3485

■ 1.4932, 0.4534,
0.4694

■ 0.2839, 0.5019,
0.4981

■ 81.9765, 0.3463,
0.3628

■ 81.9765, 0.3463,
0.3628

■ 76.2491, 0.3655,
0.3804

■ 88.1318, 0.3287,
0.3456

■ 70.9261, 0.3860,
0.3977

■ 94.7156, 0.3129,
0.3292

■ 65.9980, 0.4073,
0.4140

■ 98.8910, 0.3091,
0.3290

■ 61.4504, 0.4289,
0.4282

■ 57.2676, 0.4496,
0.4390

■ 53.4322, 0.4684,
0.4455

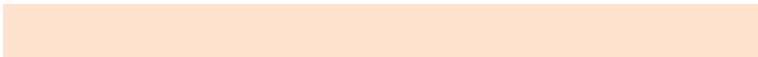
■ 49.9239, 0.4844,
0.4469

■ 46.7422, 0.4971,
0.4435

Harmonies

Analogous

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



81.9765, 0.3543, 0.3506



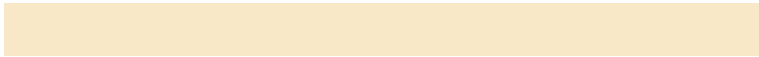
81.9765, 0.3463, 0.3628



81.9765, 0.3293, 0.3661

Triad

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



81.9765, 0.3463, 0.3628



81.9765, 0.2761, 0.3226



81.9765, 0.3161, 0.3018

Complementary

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



81.9765, 0.3463, 0.3628



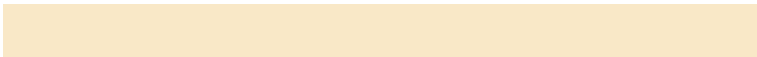
68.1354, 0.2803, 0.2927

Split Complementary

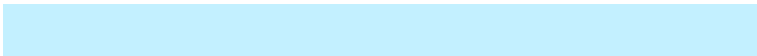
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9765, 0.2953, 0.2944



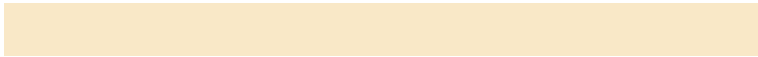
81.9765, 0.3463, 0.3628



81.9765, 0.2728, 0.3055

Square

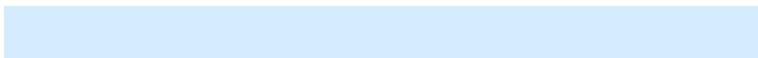
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9765, 0.3463, 0.3628



81.9765, 0.2889, 0.3423



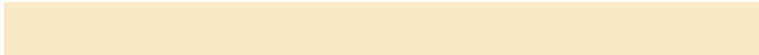
81.9765, 0.2797, 0.2955



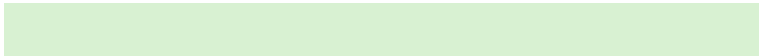
81.9765, 0.3365, 0.3159

Rectangle

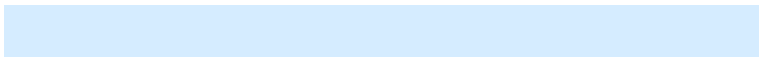
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9765, 0.3463, 0.3628



81.9765, 0.3154, 0.3622



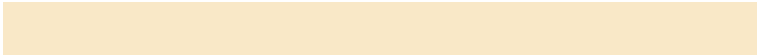
81.9765, 0.2797, 0.2955



81.9765, 0.3089, 0.2985

Sweetspot

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



81.9802, 0.3463, 0.3628



95.7690, 0.3220, 0.3388



65.9825, 0.3392, 0.3109



20.4021, 0.3231, 0.3398



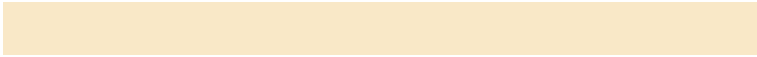
0.0000, 0.0000, 0.0000



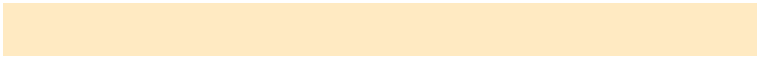
21.4041, 0.3127, 0.3290

Same Dimension

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



81.9802, 0.3463, 0.3628



84.0635, 0.3536, 0.3697



90.7110, 0.3380, 0.3801



19.1353, 0.3277, 0.3446



25.2808, 0.4955, 0.4448



2.5381, 0.4840, 0.4539

Inverse Universe

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



68.1354, 0.2803, 0.2927



67.0979, 0.2735, 0.2846



60.8848, 0.2842, 0.2741



17.6107, 0.2979, 0.3129



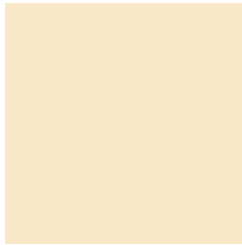
7.3688, 0.1638, 0.1097



0.8708, 0.1703, 0.1332

Previews

White Background



This preview shows how the Yxy color 81.9765, 0.3463, 0.3628 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 81.9765, 0.3463, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

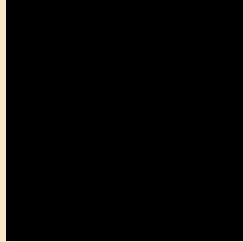
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9765, 0.3463, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 81.9765, 0.3463, 0.3628.



This preview shows how white text looks on a background with the Yxy color 81.9765, 0.3463, 0.3628.

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

81.9765, 0.3463, 0.3628

Protanopia

82.0408, 0.3432, 0.3630

Deuteranopia

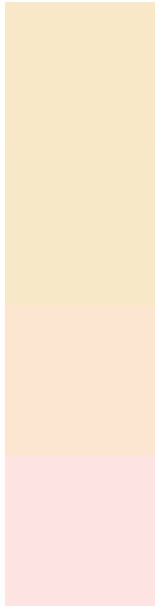
82.2049, 0.3403, 0.3431



Tritanopia

82.1238, 0.3218, 0.3123

Trichromacy



Original Color

81.9765, 0.3463, 0.3628

Protanomaly

82.2221, 0.3439, 0.3629

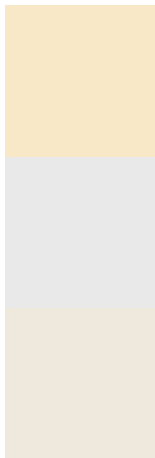
Deuteranomaly

82.0797, 0.3427, 0.3503

Tritanomaly

81.9155, 0.3309, 0.3301

Monochromacy



Original Color

81.9765, 0.3463, 0.3628

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.8490, 0.3245, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9765, 0.3463, 0.3628 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(249, 232, 199)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 199)  
}
```

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(249, 232, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 199) }
```

Border

The CSS property to change the border of an element to Yxy 81.9765, 0.3463, 0.3628 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(249, 232, 199) }
```

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

```
.border{ border-color:rgb(249, 232, 199) }
```

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

Here you see how a box with a 4 pixel rgb(249, 232, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 199);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9765, 0.3463, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 199) }
```

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

```
.background{ background-color: rgb(249,  
232, 199) }
```

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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