

Converting Colors

$Y_{xy}(81.1747, 0.3562, 0.3670)$

Have a look what the booklet for
Yxy(81.1747, 0.3562, 0.3670)
contains.

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Color

Yxy(81.1044, 0.3560, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C0
RGB	255, 229, 192
RGB Percent	100%, 90%, 75%
CMY	0.0002, 0.1019, 0.2471
CMYK	0.00, 0.10, 0.25, 0.00
HSL	35°, 100%, 88%
HSV	35°, 25%, 100%
XYZ	78.7593, 81.1044, 61.3703
YIQ	232.5560, 27.3730, -5.9950

Conversions

Conversions Part 2

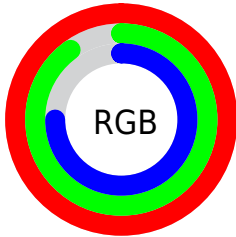
Format	Color
R_{YB}	236, 255, 192
Decimal	16770496
CIE _{Lab}	92.18, 3.35, 21.31
CIE _{LCh}	92, 21.568, 81.072
Y _{xy}	81.1044, 0.3560, 0.3666
Android (android.graphics.Color)	4294960576 (0xFFFFE5C0)
YUV	232.5560, -19.9941, 19.6834
Hunter-Lab	90.0580, -1.4961, 22.6372

Details

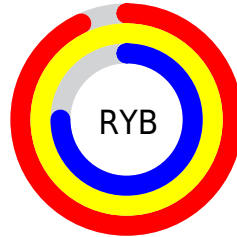
The Yxy color **81.1044, 0.3560, 0.3666** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.5254, 0.2727, 0.2882**, and the grayscale version is **81.2701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **44.1128, 0.3663, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **74.4375, 0.3769, 0.3825**, and if you desaturate by 10%, it is **88.3258, 0.3370, 0.3509**.

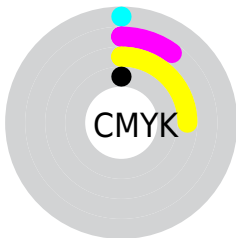
Distribution



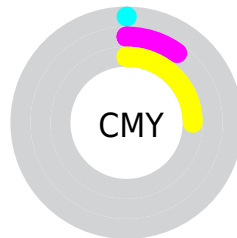
- Red (100%)
- Green (90%)
- Blue (75%)



- Red (93%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1044, 0.3560, 0.3666 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 81.1044, 0.3560, 0.3666 by changing the saturation by 10% instead.

 81.1044, 0.3560,
0.3666

 81.1044, 0.3560,
0.3666


498.6470, 0.3363,
0.3497

 60.6276, 0.3604,
0.3703


 134.9174, 0.3493,
0.3609

 43.9247, 0.3657,
0.3748


169.0223, 0.3466,
0.3586

 30.6113, 0.3724,
0.3804


208.4387, 0.3443,
0.3566

 20.3030, 0.3810,
0.3875

253.5510, 0.3423,
0.3549

 12.6155, 0.3923,
0.3967

304.7436, 0.3406,
0.3534

 7.1643, 0.4079,
0.4091

362.4008, 0.3390,

 3.5651, 0.4303,

0.3520

0.4262

426.9072, 0.3376,
0.3508

■ 1.4334, 0.5077,
0.4923

■ 0.2411, 0.5632,
0.4368

■ 81.1044, 0.3560,
0.3666

■ 81.1044, 0.3560,
0.3666

■ 74.4375, 0.3769,
0.3825

■ 88.3258, 0.3370,
0.3509

■ 68.2979, 0.3996,
0.3979

■ 96.1061, 0.3200,
0.3358

■ 62.6719, 0.4234,
0.4118

99.9903, 0.3127,
0.3290

■ 57.5409, 0.4475,
0.4232

■ 52.8845, 0.4707,
0.4308

■ 48.6798, 0.4917,
0.4334

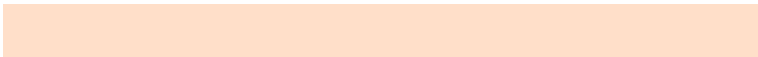
■ 44.9000, 0.5093,
0.4306

■ 43.0489, 0.5174,
0.4274

Harmonies

Analogous

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



81.1044, 0.3626, 0.3501



81.1044, 0.3560, 0.3666



81.1044, 0.3376, 0.3736

Triad

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



81.1044, 0.3560, 0.3666



81.1044, 0.2718, 0.3265



81.1044, 0.3108, 0.2941

Complementary

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



81.1044, 0.3560, 0.3666



68.5254, 0.2727, 0.2882

Split Complementary

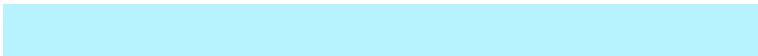
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1044, 0.2870, 0.2874



81.1044, 0.3560, 0.3666



81.1044, 0.2652, 0.3049

Square

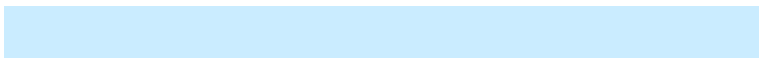
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1044, 0.3560, 0.3666



81.1044, 0.2891, 0.3500



81.1044, 0.2707, 0.2910



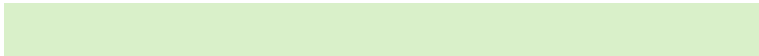
81.1044, 0.3359, 0.3091

Rectangle

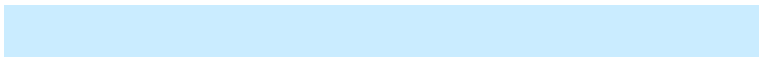
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1044, 0.3560, 0.3666



81.1044, 0.3215, 0.3711



81.1044, 0.2707, 0.2910



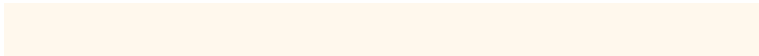
81.1044, 0.3024, 0.2908

Sweetspot

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



81.1081, 0.3560, 0.3666



94.3024, 0.3238, 0.3392



64.0224, 0.3435, 0.3023



20.0823, 0.3248, 0.3401



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.



81.1081, 0.3560, 0.3666



77.5351, 0.3669, 0.3750



95.5623, 0.3466, 0.3917



19.7629, 0.3279, 0.3430



22.8054, 0.5154, 0.4290



2.4359, 0.5014, 0.4401

Inverse Universe

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



68.5254, 0.2727, 0.2882



62.8395, 0.2636, 0.2780



56.8181, 0.2737, 0.2592



18.6064, 0.2979, 0.3146



9.3301, 0.1693, 0.1293



1.1174, 0.1755, 0.1516

Previews

White Background



This preview shows how the Yxy color 81.1044, 0.3560, 0.3666 looks on a white background.

Color Contrast Check

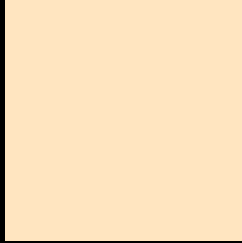
Large Text (above 18pt) WCAG AA × Fail

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 81.1044, 0.3560, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

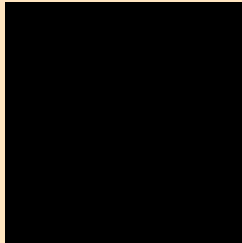
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1044, 0.3560, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 81.1044, 0.3560, 0.3666.

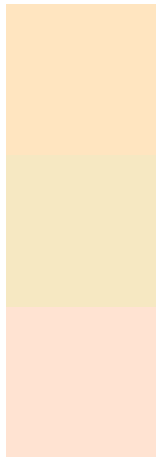


This preview shows how white text looks on a background with the Yxy color 81.1044, 0.3560, 0.3666.

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

81.1044, 0.3560, 0.3666

Protanopia

81.2011, 0.3474, 0.3683

Deuteranopia

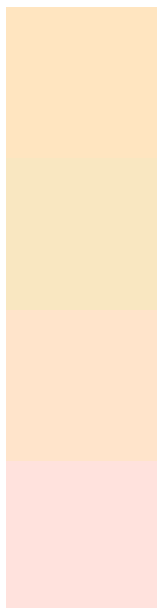
80.8513, 0.3440, 0.3462



Tritanopia

81.2835, 0.3252, 0.3162

Trichromacy



Original Color

81.1044, 0.3560, 0.3666

Protanomaly

81.1418, 0.3505, 0.3681

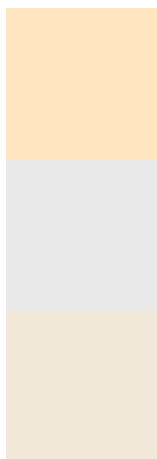
Deuteranomaly

81.0586, 0.3487, 0.3543

Tritanomaly

80.8732, 0.3366, 0.3341

Monochromacy



Original Color

81.1044, 0.3560, 0.3666

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.4760, 0.3279, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1044, 0.3560, 0.3666 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 192) }
```

Border

The CSS property to change the border of an element to Yxy 81.1044, 0.3560, 0.3666 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, 192) }
```

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

```
.border{ border-color:rgb(255, 229, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1044, 0.3560, 0.3666 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
229, 192) }
```

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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