

Converting Colors

$Y_{xy}(114.8661, 0.4385, 0.3473)$

Have a look what the booklet for
Yxy(114.8661, 0.4385, 0.3473)
contains.

Yxy(81.0586, 0.3487, 0.3543)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.0586, 0.3487, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4CB
RGB	255, 228, 203
RGB Percent	100%, 89%, 80%
CMY	0.0000, 0.1059, 0.2039
CMYK	0.00, 0.11, 0.20, 0.00
HSL	29°, 100%, 90%
HSV	29°, 20%, 100%
XYZ	79.7774, 81.0586, 67.9492
YIQ	233.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

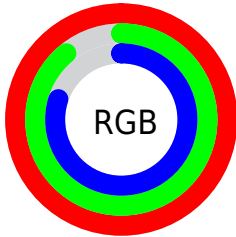
Format	Color
R_{YB}	255, 251, 203
Decimal	16770251
CIE _{Lab}	92.16, 5.45, 15.57
CIE _{LCh}	92, 16.494, 70.706
Yxy	81.0586, 0.3487, 0.3543
Android (android.graphics.Color)	4294960331 (0xFFFFE4CB)
YUV	233.2230, -14.8999, 19.0984
Hunter-Lab	90.0325, 0.6110, 18.2755

Details

The Yxy color **81.0586, 0.3487, 0.3543** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5269, 0.2804, 0.3023**, and the grayscale version is **81.7579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0628, 0.3568, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **72.9227, 0.3702, 0.3675**, and if you desaturate by 10%, it is **89.9418, 0.3298, 0.3415**.

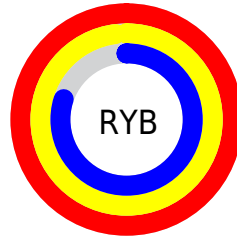
Distribution



Red (100%)

Green (89%)

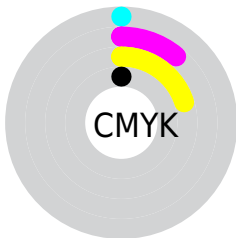
Blue (80%)



Red (100%)

Yellow (98%)

Blue (80%)

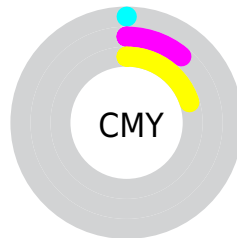


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0586, 0.3487, 0.3543 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 81.0586, 0.3487, 0.3543 by changing the saturation by 10% instead.


 81.0586, 0.3487,
0.3543

 81.0586, 0.3487,
0.3543


498.4933, 0.3323,
0.3430

 60.5899, 0.3524,
0.3568


134.8530, 0.3431,
0.3505

 43.8943, 0.3569,
0.3598


168.9475, 0.3408,
0.3489

 30.5874, 0.3626,
0.3635


208.3528, 0.3389,
0.3476

 20.2849, 0.3699,
0.3683

253.4531, 0.3373,
0.3465

 12.6023, 0.3797,
0.3745

304.6329, 0.3358,
0.3455

 7.1553, 0.3934,
0.3829

362.2766, 0.3345,

 3.5594, 0.4139,

0.3445

0.3949

426.7686, 0.3333,
0.3437

■ 1.4303, 0.4618,
0.4259

■ 0.2389, 0.6012,
0.3988

■ 81.0586, 0.3487,
0.3543

■ 81.0586, 0.3487,
0.3543

■ 72.9227, 0.3702,
0.3675

■ 89.9418, 0.3298,
0.3415

■ 65.5290, 0.3943,
0.3805

99.6105, 0.3133,
0.3295

■ 58.8483, 0.4209,
0.3927

100.0000, 0.3127,
0.3290

■ 52.8555, 0.4491,
0.4029

■ 47.5239, 0.4779,
0.4099

■ 42.8240, 0.5055,
0.4125

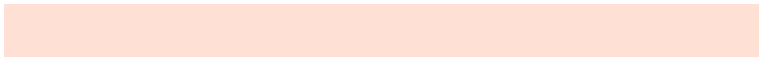
■ 38.7229, 0.5299,
0.4095

■ 35.3025, 0.5495,
0.4019

Harmonies

Analogous

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



81.0586, 0.3500, 0.3401



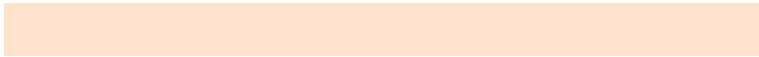
81.0586, 0.3487, 0.3543



81.0586, 0.3375, 0.3622

Triad

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



81.0586, 0.3487, 0.3543



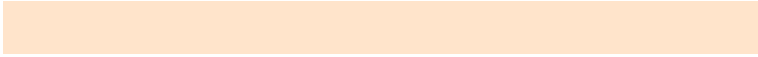
81.0586, 0.2851, 0.3335



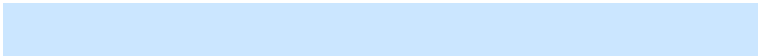
81.0586, 0.3047, 0.2993

Complementary

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



81.0586, 0.3487, 0.3543



76.5269, 0.2804, 0.3023

Split Complementary

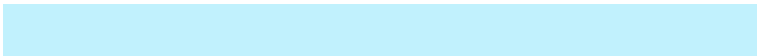
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0586, 0.2879, 0.2970



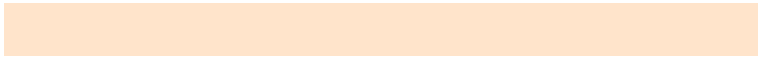
81.0586, 0.3487, 0.3543



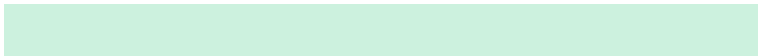
81.0586, 0.2768, 0.3160

Square

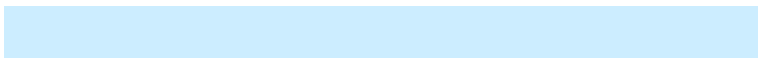
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0586, 0.3487, 0.3543



81.0586, 0.3007, 0.3503



81.0586, 0.2778, 0.3028



81.0586, 0.3241, 0.3090

Rectangle

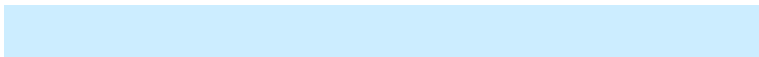
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0586, 0.3487, 0.3543



81.0586, 0.3262, 0.3625



81.0586, 0.2778, 0.3028



81.0586, 0.2985, 0.2977

Sweetspot

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



81.0529, 0.3487, 0.3543



94.0856, 0.3223, 0.3361



69.7337, 0.3325, 0.3012



20.0041, 0.3234, 0.3369



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.



81.0529, 0.3487, 0.3543



78.0285, 0.3561, 0.3590



95.9919, 0.3439, 0.3784



19.4270, 0.3282, 0.3404



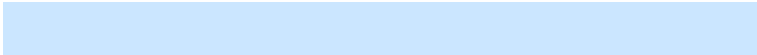
18.7417, 0.5468, 0.4040



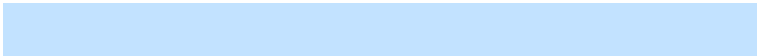
2.0421, 0.5285, 0.4186

Inverse Universe

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



76.5269, 0.2804, 0.3023



72.8381, 0.2745, 0.2969



63.4606, 0.2786, 0.2743



18.9393, 0.2979, 0.3173



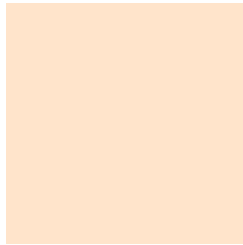
12.7673, 0.1789, 0.1640



1.4620, 0.1845, 0.1840

Previews

White Background



This preview shows how the Yxy color 81.0586, 0.3487, 0.3543 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 81.0586, 0.3487, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

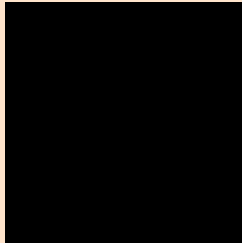
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0586, 0.3487, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 81.0586, 0.3487, 0.3543.

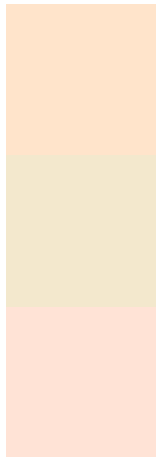


This preview shows how white text looks on a background with the Yxy color 81.0586, 0.3487, 0.3543.

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

81.0586, 0.3487, 0.3543

Protanopia

81.1757, 0.3379, 0.3570

Deuteranopia

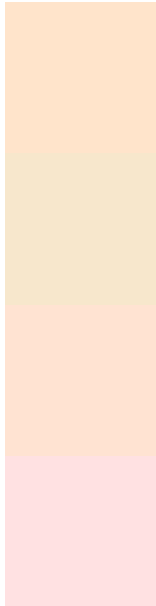
81.0532, 0.3413, 0.3421



Tritanopia

80.8033, 0.3246, 0.3142

Trichromacy



Original Color

81.0586, 0.3487, 0.3543

Protanomaly

81.2856, 0.3416, 0.3568

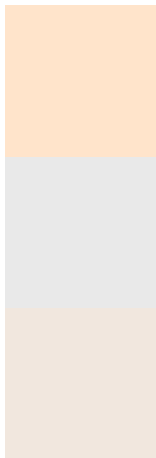
Deuteranomaly

80.8513, 0.3440, 0.3462

Tritanomaly

80.6014, 0.3333, 0.3281

Monochromacy



Original Color

81.0586, 0.3487, 0.3543

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.1265, 0.3254, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0586, 0.3487, 0.3543 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, 228, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 203)  
}
```

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, 228, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 203) }
```

Border

The CSS property to change the border of an element to Yxy 81.0586, 0.3487, 0.3543 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, 228, 203) }
```

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

```
.border{ border-color:rgb(255, 228, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0586, 0.3487, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 203) }
```

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

```
.background{ background-color: rgb(255,  
228, 203) }
```

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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