

Converting Colors

$Y_{xy}(81.9782, 0.3514, 0.3610)$

Have a look what the booklet for
Yxy(81.9782, 0.3514, 0.3610)
contains.

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Color

Yxy(81.9308, 0.3517, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6C6
RGB	255, 230, 198
RGB Percent	100%, 90%, 78%
CMY	0.0000, 0.0980, 0.2235
CMYK	0.00, 0.10, 0.22, 0.00
HSL	34°, 100%, 89%
HSV	34°, 22%, 100%
XYZ	79.7318, 81.9308, 65.0414
YIQ	233.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

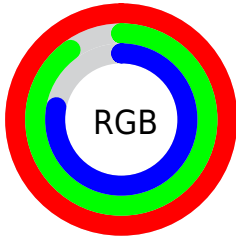
Format	Color
R _Y B	243, 255, 198
Decimal	16770758
CIE Lab	92.54, 3.69, 18.71
CIE LCh	93, 19.069, 78.831
Yxy	81.9308, 0.3517, 0.3614
Android (android.graphics.Color)	4294960838 (0xFFFFE6C6)
YUV	233.8270, -17.6627, 18.5687
Hunter-Lab	90.5156, -1.1685, 20.7572

Details

The Yxy color **81.9308, 0.3517, 0.3614** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.0040, 0.2768, 0.2943**, and the grayscale version is **82.2652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6793, 0.3606, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **74.8273, 0.3726, 0.3766**, and if you desaturate by 10%, it is **89.6370, 0.3330, 0.3465**.

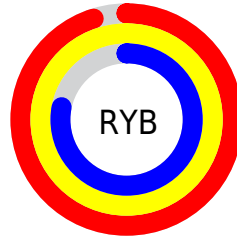
Distribution



Red (100%)

Green (90%)

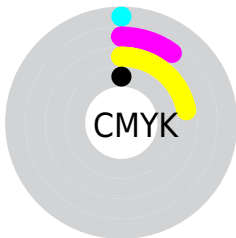
Blue (78%)



Red (95%)

Yellow (100%)

Blue (78%)

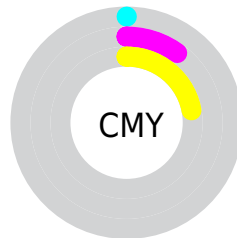


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9308, 0.3517, 0.3614 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 81.9308, 0.3517, 0.3614 by changing the saturation by 10% instead.


 81.9308, 0.3517,
0.3614

 81.9308, 0.3517,
0.3614


501.4162, 0.3340,
0.3469

 61.3085, 0.3557,
0.3646


136.0770, 0.3456,
0.3565

 44.4742, 0.3605,
0.3685


170.3696, 0.3432,
0.3545

 31.0435, 0.3665,
0.3733


209.9878, 0.3412,
0.3528

 20.6319, 0.3743,
0.3794

255.3160, 0.3394,
0.3513

 12.8552, 0.3846,
0.3874

306.7385, 0.3378,
0.3500

 7.3289, 0.3989,
0.3982

364.6398, 0.3364,

 3.6687, 0.4197,

0.3489

0.4134

429.4042, 0.3351,
0.3478

1.4900, 0.4774,
0.4596

0.2817, 0.5596,
0.4404

81.9308, 0.3517,
0.3614

81.9308, 0.3517,
0.3614

74.8273, 0.3726,
0.3766

89.6370, 0.3330,
0.3465

68.3014, 0.3954,
0.3916

97.9545, 0.3163,
0.3322

62.3372, 0.4198,
0.4054

100.0000, 0.3127,
0.3290

56.9150, 0.4450,
0.4169

■ 52.0134, 0.4698,
0.4249

■ 47.6087, 0.4928,
0.4282

■ 43.6734, 0.5125,
0.4260

■ 40.9534, 0.5253,
0.4211

Harmonies

Analogous

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



81.9308, 0.3566, 0.3465



81.9308, 0.3517, 0.3614



81.9308, 0.3362, 0.3681

Triad

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



81.9308, 0.3517, 0.3614



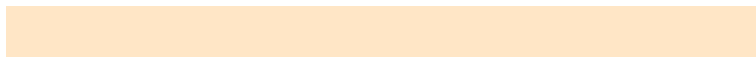
81.9308, 0.2774, 0.3285



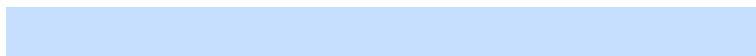
81.9308, 0.3094, 0.2973

Complementary

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



81.9308, 0.3517, 0.3614



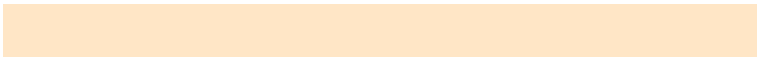
72.0040, 0.2768, 0.2943

Split Complementary

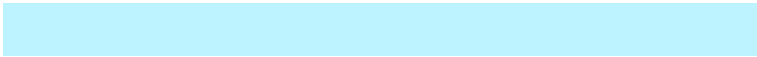
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9308, 0.2887, 0.2921



81.9308, 0.3517, 0.3614



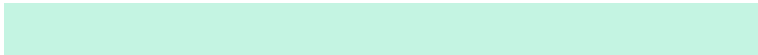
81.9308, 0.2708, 0.3091

Square

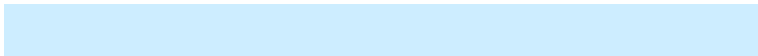
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9308, 0.3517, 0.3614



81.9308, 0.2934, 0.3488



81.9308, 0.2748, 0.2961



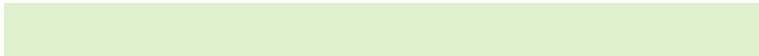
81.9308, 0.3316, 0.3102

Rectangle

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



81.9308, 0.3517, 0.3614



81.9308, 0.3223, 0.3664



81.9308, 0.2748, 0.2961



81.9308, 0.3020, 0.2946

Sweetspot

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



81.9334, 0.3517, 0.3614



94.0095, 0.3238, 0.3388



67.0146, 0.3385, 0.3031



20.0144, 0.3248, 0.3396



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

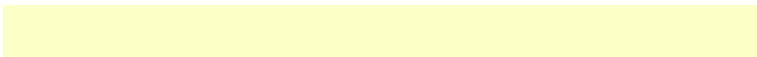
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9334, 0.3517, 0.3614



78.5558, 0.3611, 0.3685



96.3211, 0.3447, 0.3854



19.6791, 0.3280, 0.3423



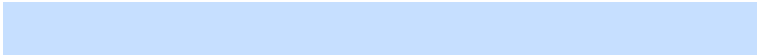
21.7017, 0.5231, 0.4229



2.3307, 0.5080, 0.4349

Inverse Universe

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



72.0040, 0.2768, 0.2943



66.9674, 0.2690, 0.2860



60.0093, 0.2766, 0.2665



18.6886, 0.2979, 0.3153



10.0945, 0.1715, 0.1375



1.1959, 0.1776, 0.1594

Previews

White Background



This preview shows how the Yxy color 81.9308, 0.3517, 0.3614 looks on a white background.

Color Contrast Check

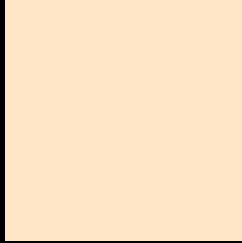
Large Text (above 18pt) WCAG AA × Fail

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 81.9308, 0.3517, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

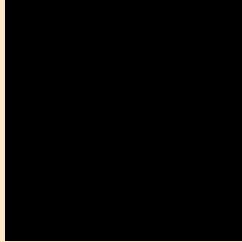
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9308, 0.3517, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 81.9308, 0.3517, 0.3614.



This preview shows how white text looks on a background with the Yxy color 81.9308, 0.3517, 0.3614.

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

81.9308, 0.3517, 0.3614

Protanopia

82.0408, 0.3432, 0.3630

Deuteranopia

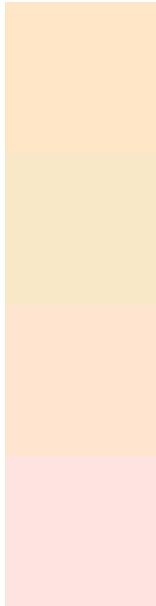
82.1537, 0.3409, 0.3441



Tritanopia

81.9440, 0.3238, 0.3153

Trichromacy



Original Color

81.9308, 0.3517, 0.3614

Protanomaly

81.9765, 0.3463, 0.3628

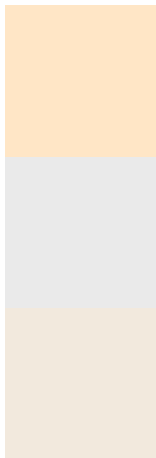
Deuteranomaly

81.8527, 0.3450, 0.3502

Tritanomaly

81.6344, 0.3338, 0.3311

Monochromacy



Original Color

81.9308, 0.3517, 0.3614

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.3755, 0.3265, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9308, 0.3517, 0.3614 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, 230, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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(255, 230, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 198) }
```

Border

The CSS property to change the border of an element to Yxy 81.9308, 0.3517, 0.3614 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, 230, 198) }
```

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

```
.border{ border-color:rgb(255, 230, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9308, 0.3517, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 198) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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