

Converting Colors

$Yxy(81.1749, 0.3514, 0.3591)$

Have a look what the booklet for
Yxy(81.1749, 0.3514, 0.3591)
contains.

Yxy(81.4221, 0.3512, 0.3594)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.4221, 0.3512, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C7
RGB	255, 229, 199
RGB Percent	100%, 90%, 78%
CMY	0.0001, 0.1019, 0.2195
CMYK	0.00, 0.10, 0.22, 0.00
HSL	32°, 100%, 89%
HSV	32°, 22%, 100%
XYZ	79.5644, 81.4221, 65.5636
YIQ	233.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

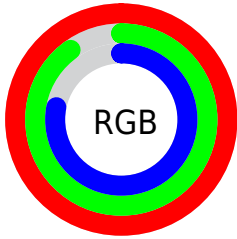
Format	Color
R _Y B	248, 255, 199
Decimal	16770503
CIE Lab	92.32, 4.33, 17.87
CIE LCh	92, 18.388, 76.368
Yxy	81.4221, 0.3512, 0.3594
Android (android.graphics.Color)	4294960583 (0xFFFFE5C7)
YUV	233.3540, -16.9365, 18.9835
Hunter-Lab	90.2342, -0.5167, 20.0842

Details

The Yxy color **81.4221, 0.3512, 0.3594** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.2062, 0.2776, 0.2966**, and the grayscale version is **81.8835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3222, 0.3601, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **74.0119, 0.3723, 0.3740**, and if you desaturate by 10%, it is **89.4844, 0.3323, 0.3451**.

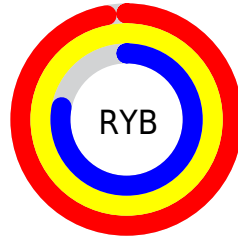
Distribution



Red (100%)

Green (90%)

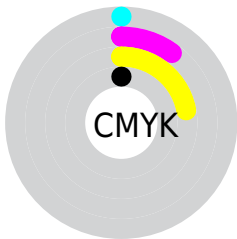
Blue (78%)



Red (97%)

Yellow (100%)

Blue (78%)

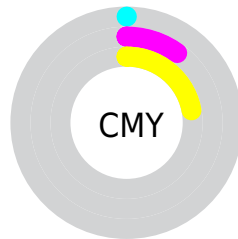


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4221, 0.3512, 0.3594 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 81.4221, 0.3512, 0.3594 by changing the saturation by 10% instead.


 81.4221, 0.3512,
0.3594

 81.4221, 0.3512,
0.3594

499.7126, 0.3337,
0.3458

 60.8893, 0.3551,
0.3624


135.3633, 0.3452,
0.3548

 44.1358, 0.3599,
0.3660


169.5405, 0.3428,
0.3529

 30.7773, 0.3659,
0.3705


209.0346, 0.3408,
0.3514

 20.4293, 0.3736,
0.3763

254.2300, 0.3390,
0.3500

 12.7075, 0.3839,
0.3838

305.5111, 0.3374,
0.3487

 7.2274, 0.3982,
0.3939

363.2623, 0.3361,

 3.6048, 0.4193,

0.3477

0.4082

427.8680, 0.3348,
0.3467

■ 1.4550, 0.4760,
0.4510

■ 0.2567, 0.5767,
0.4233

■ 81.4221, 0.3512,
0.3594

■ 81.4221, 0.3512,
0.3594

■ 74.0119, 0.3723,
0.3740

■ 89.4844, 0.3323,
0.3451

■ 67.2241, 0.3957,
0.3883

■ 98.2056, 0.3157,
0.3316

■ 61.0426, 0.4208,
0.4016

■ 99.9967, 0.3127,
0.3290

■ 55.4460, 0.4470,
0.4127

■ 50.4116, 0.4730,
0.4203

■ 45.9139, 0.4974,
0.4233

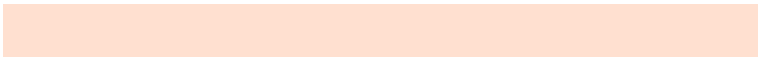
■ 41.9241, 0.5185,
0.4207

■ 39.0514, 0.5329,
0.4151

Harmonies

Analogous

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



81.4221, 0.3549, 0.3446



81.4221, 0.3512, 0.3594



81.4221, 0.3370, 0.3666

Triad

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



81.4221, 0.3512, 0.3594



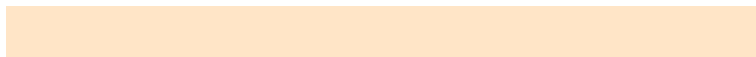
81.4221, 0.2796, 0.3302



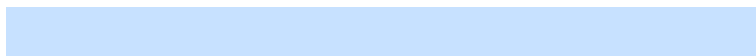
81.4221, 0.3077, 0.2976

Complementary

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



81.4221, 0.3512, 0.3594



73.2062, 0.2776, 0.2966

Split Complementary

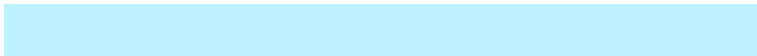
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4221, 0.2881, 0.2933



81.4221, 0.3512, 0.3594



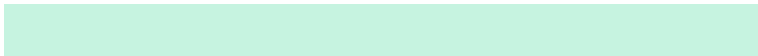
81.4221, 0.2723, 0.3112

Square

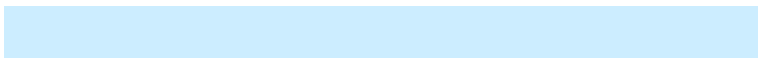
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4221, 0.3512, 0.3594



81.4221, 0.2956, 0.3496



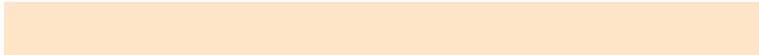
81.4221, 0.2754, 0.2979



81.4221, 0.3293, 0.3096

Rectangle

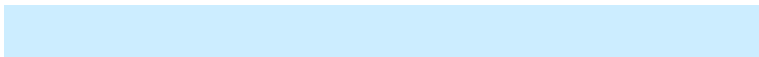
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4221, 0.3512, 0.3594



81.4221, 0.3237, 0.3656



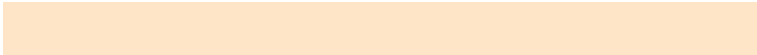
81.4221, 0.2754, 0.2979



81.4221, 0.3007, 0.2952

Sweetspot

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



81.4258, 0.3512, 0.3594



93.7317, 0.3238, 0.3383



67.5541, 0.3372, 0.3026



19.9501, 0.3249, 0.3391



0.0000, 0.0000, 0.0000



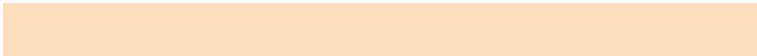
21.4041, 0.3127, 0.3290

Same Dimension

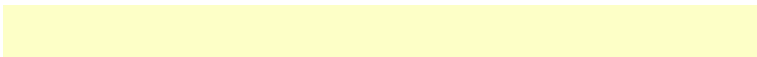
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4258, 0.3512, 0.3594



78.3583, 0.3595, 0.3653



96.5376, 0.3447, 0.3842



19.5996, 0.3281, 0.3417



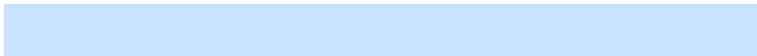
20.7105, 0.5305, 0.4170



2.2353, 0.5143, 0.4298

Inverse Universe

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



73.2062, 0.2776, 0.2966



68.9070, 0.2708, 0.2897



60.4738, 0.2767, 0.2676



18.7671, 0.2979, 0.3159



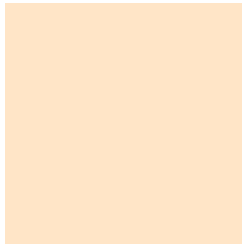
10.8755, 0.1738, 0.1456



1.2749, 0.1797, 0.1670

Previews

White Background



This preview shows how the Yxy color 81.4221, 0.3512, 0.3594 looks on a white background.

Color Contrast Check

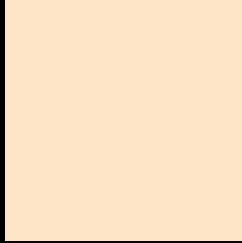
Large Text (above 18pt) WCAG AA × Fail

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 81.4221, 0.3512, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

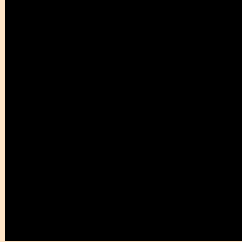
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.4221, 0.3512, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 81.4221, 0.3512, 0.3594.

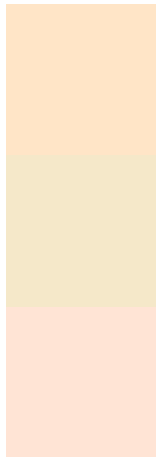


This preview shows how white text looks on a background with the Yxy color 81.4221, 0.3512, 0.3594.

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

81.4221, 0.3512, 0.3594

Protanopia

81.3427, 0.3420, 0.3610

Deuteranopia

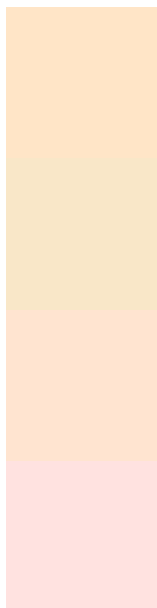
81.5509, 0.3418, 0.3441



Tritanopia

81.3424, 0.3245, 0.3152

Trichromacy



Original Color

81.4221, 0.3512, 0.3594

Protanomaly

81.4617, 0.3458, 0.3608

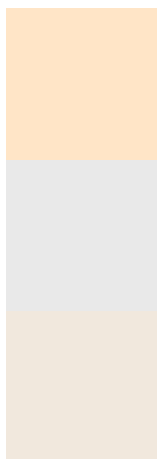
Deuteranomaly

81.3009, 0.3452, 0.3492

Tritanomaly

81.0345, 0.3346, 0.3311

Monochromacy



Original Color

81.4221, 0.3512, 0.3594

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6345, 0.3260, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4221, 0.3512, 0.3594 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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(255, 229, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 199) }
```

Border

The CSS property to change the border of an element to Yxy 81.4221, 0.3512, 0.3594 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, 199) }
```

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

```
.border{ border-color:rgb(255, 229, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 199); box-shadow:4px 4px 4px 4px rgb(255, 229, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4221, 0.3512, 0.3594 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, 199) }
```

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

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