

Converting Colors

$Y_{xy}(79.5408, 0.3746, 0.3445)$

Have a look what the booklet for
Yxy(79.5408, 0.3746, 0.3445)
contains.

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Color

Yxy(73.9844, 0.3542, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C7
RGB	255, 215, 199
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1568, 0.2197
CMYK	0.00, 0.16, 0.22, 0.00
HSL	17°, 100%, 89%
HSV	17°, 22%, 100%
XYZ	75.8474, 73.9844, 64.3054
YIQ	225.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

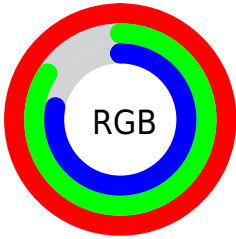
Format	Color
R _Y B	255, 221, 199
Decimal	16766919
CIE Lab	88.92, 11.55, 13.09
CIE LCh	89, 17.456, 48.569
Yxy	73.9844, 0.3542, 0.3455
Android (android.graphics.Color)	4294956999 (0xFFFFD7C7)
YUV	225.1360, -12.8850, 26.1907
Hunter-Lab	86.0142, 6.8767, 15.8839

Details

The Yxy color **73.9844, 0.3542, 0.3455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0790, 0.2787, 0.3119**, and the grayscale version is **75.4781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1917, 0.3646, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **64.1388, 0.3789, 0.3535**, and if you desaturate by 10%, it is **85.0670, 0.3333, 0.3377**.

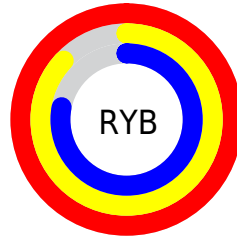
Distribution



Red (100%)

Green (84%)

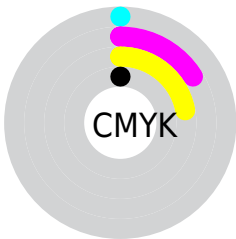
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

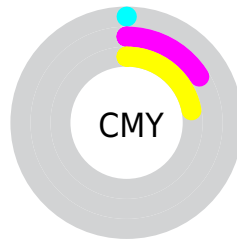


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9844, 0.3542, 0.3455 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 73.9844, 0.3542, 0.3455 by changing the saturation by 10% instead.

 73.9844, 0.3542,
0.3455

 73.9844, 0.3542,
0.3455


474.4195, 0.3349,
0.3382

 54.7813, 0.3586,
0.3471


124.8737, 0.3475,
0.3430

 39.2266, 0.3641,
0.3490


157.3286, 0.3449,
0.3421

 26.9361, 0.3711,
0.3513


194.9697, 0.3426,
0.3412

 17.5252, 0.3801,
0.3542

238.1811, 0.3407,
0.3405

 10.6097, 0.3925,
0.3580

287.3475, 0.3390,
0.3398

 5.8050, 0.4104,
0.3629

342.8530, 0.3375,

 2.7269, 0.4381,

0.3392

0.3692

405.0823, 0.3361,
0.3387

0.9909, 0.5266,
0.4078

0.0000, 1.0000,
0.0000

73.9844, 0.3542,
0.3455

73.9844, 0.3542,
0.3455

64.1388, 0.3789,
0.3535

85.0670, 0.3333,
0.3377

55.4765, 0.4079,
0.3614

97.4176, 0.3158,
0.3304

47.9547, 0.4411,
0.3684

99.9999, 0.3127,
0.3290

41.5241, 0.4777,
0.3736

■ 36.1315, 0.5159,
0.3759

■ 31.7188, 0.5525,
0.3740

■ 28.2211, 0.5835,
0.3674

■ 26.0177, 0.6028,
0.3596

Harmonies

Analogous

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



73.9844, 0.3471, 0.3279



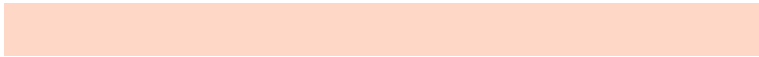
73.9844, 0.3542, 0.3455



73.9844, 0.3497, 0.3596

Triad

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



73.9844, 0.3542, 0.3455



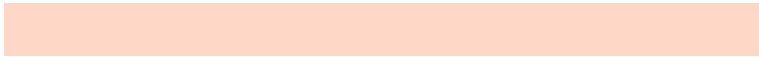
73.9844, 0.2946, 0.3479



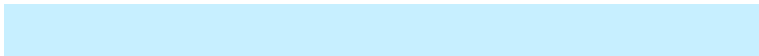
73.9844, 0.2898, 0.2940

Complementary

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



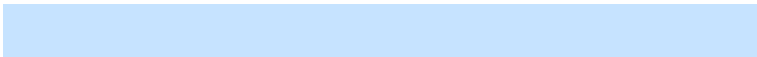
73.9844, 0.3542, 0.3455



81.0790, 0.2787, 0.3119

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.



73.9844, 0.2767, 0.2979



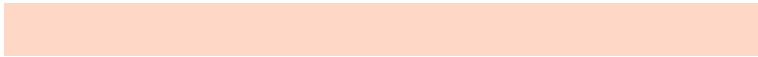
73.9844, 0.3542, 0.3455



73.9844, 0.2794, 0.3287

Square

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



73.9844, 0.3542, 0.3455



73.9844, 0.3149, 0.3618



73.9844, 0.2729, 0.3104



73.9844, 0.3094, 0.2988

Rectangle

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



73.9844, 0.3542, 0.3455



73.9844, 0.3409, 0.3650



73.9844, 0.2729, 0.3104



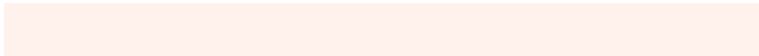
73.9844, 0.2846, 0.2943

Sweetspot

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



73.9878, 0.3542, 0.3455



91.0400, 0.3242, 0.3340



68.3394, 0.3267, 0.2890



19.3273, 0.3253, 0.3345



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.



73.9878, 0.3542, 0.3455



69.8699, 0.3637, 0.3487



89.4019, 0.3484, 0.3728



18.8332, 0.3287, 0.3359



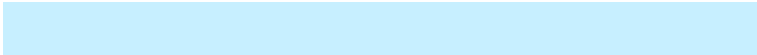
13.8136, 0.5999, 0.3619



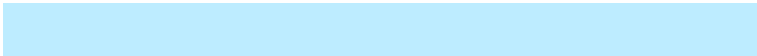
1.5219, 0.5779, 0.3794

Inverse Universe

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



81.0790, 0.2787, 0.3119



78.0112, 0.2726, 0.3083



66.0088, 0.2764, 0.2811



19.5517, 0.2980, 0.3220



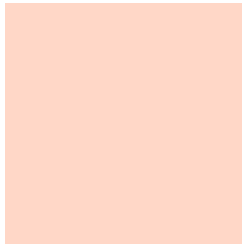
21.5339, 0.1980, 0.2329



2.2836, 0.2014, 0.2451

Previews

White Background



This preview shows how the Yxy color 73.9844, 0.3542, 0.3455 looks on a white background.

Color Contrast Check

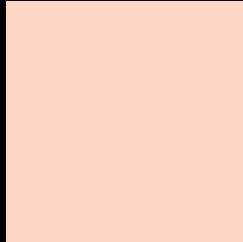
Large Text (above 18pt) WCAG AA × Fail

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 73.9844, 0.3542, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

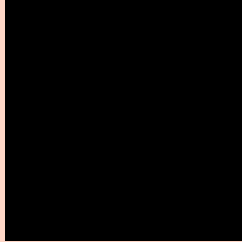
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9844, 0.3542, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 73.9844, 0.3542, 0.3455.



This preview shows how white text looks on a background with the Yxy color 73.9844, 0.3542, 0.3455.

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

73.9844, 0.3542, 0.3455

Protanopia

74.2430, 0.3326, 0.3505

Deuteranopia

73.7952, 0.3534, 0.3455



Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

73.9844, 0.3542, 0.3455

Protanomaly

73.9759, 0.3397, 0.3481

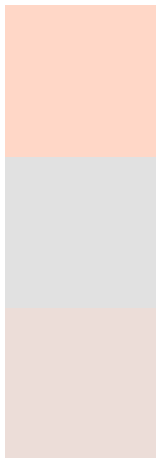
Deuteranomaly

73.7952, 0.3534, 0.3455

Tritanomaly

73.8583, 0.3413, 0.3250

Monochromacy



Original Color

73.9844, 0.3542, 0.3455

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5036, 0.3269, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9844, 0.3542, 0.3455 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, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 199) }
```

Border

The CSS property to change the border of an element to Yxy 73.9844, 0.3542, 0.3455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

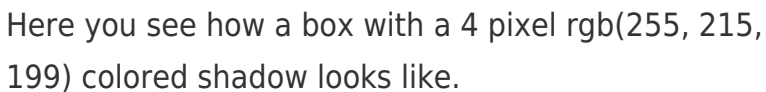
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 199) }
```

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

```
.border{ border-color:rgb(255, 215, 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, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 199); box-shadow:4px 4px 4px 4px rgb(255, 215, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9844, 0.3542, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 199) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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