

Converting Colors

$Y_{xy}(73.1928, 0.3514, 0.3425)$

Have a look what the booklet for
Yxy(73.1928, 0.3514, 0.3425)
contains.

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Color

Yxy(73.1928, 0.3514, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	FDD6C9
RGB	253, 214, 201
RGB Percent	99%, 84%, 79%
CMY	0.0078, 0.1608, 0.2118
CMYK	0.00, 0.15, 0.21, 0.01
HSL	15°, 93%, 89%
HSV	15°, 21%, 99%
XYZ	75.0947, 73.1928, 65.4141
YIQ	224.1790, 27.4170, 4.2250

Conversions

Conversions Part 2

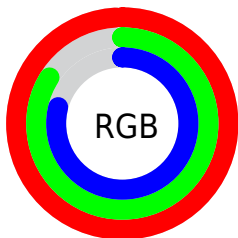
Format	Color
R _Y B	253, 218, 201
Decimal	16635593
CIE Lab	88.54, 11.63, 11.48
CIE LCh	89, 16.343, 44.630
Yxy	73.1928, 0.3514, 0.3425
Android (android.graphics.Color)	4294825673 (0xFFFD6C9)
YUV	224.1790, -11.4272, 25.2760
Hunter-Lab	85.5528, 6.9626, 14.5535

Details

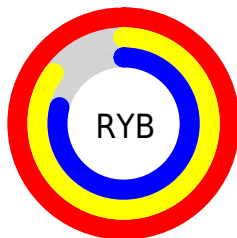
The Yxy color **73.1928, 0.3514, 0.3425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.8088, 0.2810, 0.3151**, and the grayscale version is **74.7455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6386, 0.3610, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **63.0551, 0.3760, 0.3495**, and if you desaturate by 10%, it is **84.6506, 0.3308, 0.3357**.

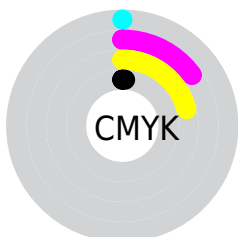
Distribution



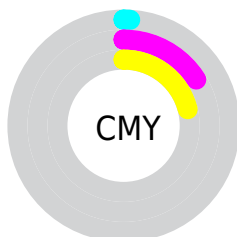
- Red (99%)
- Green (84%)
- Blue (79%)



- Red (99%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (1%)





- Cyan (1%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1928, 0.3514, 0.3425 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 73.1928, 0.3514, 0.3425 by changing the saturation by 10% instead.


 73.1928, 0.3514,
0.3425

 73.1928, 0.3514,
0.3425


471.6828, 0.3334,
0.3365

 54.1336, 0.3555,
0.3438


123.7509, 0.3451,
0.3405

 38.7085, 0.3607,
0.3453


156.0186, 0.3427,
0.3397

 26.5330, 0.3672,
0.3472


193.4579, 0.3406,
0.3390

 17.2228, 0.3758,
0.3496

236.4532, 0.3388,
0.3384

 10.3935, 0.3875,
0.3527

285.3890, 0.3372,
0.3378

 5.6606, 0.4044,
0.3567

340.6496, 0.3358,

 2.6398, 0.4310,

0.3374

0.3618

402.6194, 0.3345,
0.3369

0.9467, 0.5119,
0.3938

0.0000, 1.0000,
0.0000

73.1928, 0.3514,
0.3425

73.1928, 0.3514,
0.3425

63.0551, 0.3760,
0.3495

84.6506, 0.3308,
0.3357

54.1799, 0.4052,
0.3565

97.4639, 0.3136,
0.3293

46.5197, 0.4389,
0.3627

99.6226, 0.3115,
0.3290

40.0203, 0.4766,
0.3674

■ 34.6232, 0.5163,
0.3695

■ 30.2645, 0.5548,
0.3679

■ 26.8727, 0.5877,
0.3619

■ 24.4786, 0.6107,
0.3533

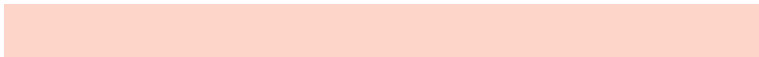
Harmonies

Analogous

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



73.1928, 0.3434, 0.3258



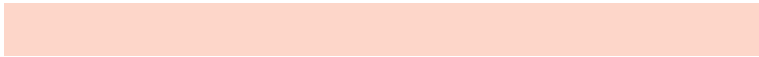
73.1928, 0.3514, 0.3425



73.1928, 0.3486, 0.3564

Triad

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



73.1928, 0.3514, 0.3425



73.1928, 0.2980, 0.3489



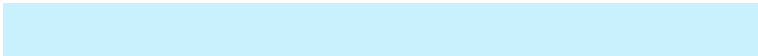
73.1928, 0.2892, 0.2960

Complementary

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



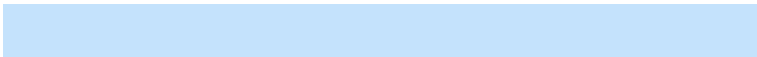
73.1928, 0.3514, 0.3425



81.8088, 0.2810, 0.3151

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.



73.1928, 0.2778, 0.3009



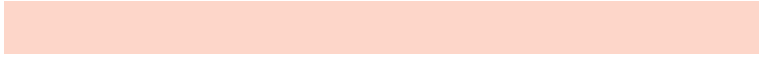
73.1928, 0.3514, 0.3425



73.1928, 0.2828, 0.3312

Square

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



73.1928, 0.3514, 0.3425



73.1928, 0.3174, 0.3609



73.1928, 0.2755, 0.3136



73.1928, 0.3070, 0.2995

Rectangle

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



73.1928, 0.3514, 0.3425



73.1928, 0.3412, 0.3621



73.1928, 0.2755, 0.3136



73.1928, 0.2845, 0.2967

Sweetspot

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



73.1961, 0.3514, 0.3425



91.9537, 0.3225, 0.3328



68.9370, 0.3244, 0.2900



19.5010, 0.3237, 0.3332



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

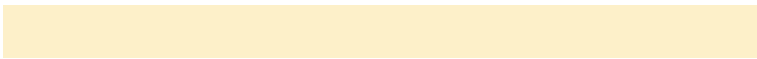
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1961, 0.3514, 0.3425



69.7638, 0.3618, 0.3456



87.4155, 0.3463, 0.3682



18.7261, 0.3288, 0.3350



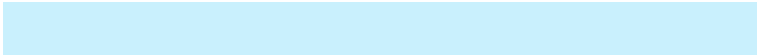
13.2148, 0.6080, 0.3555



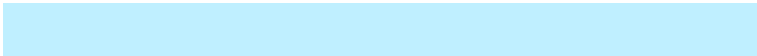
1.4512, 0.5863, 0.3727

Inverse Universe

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



81.8088, 0.2810, 0.3151



80.0808, 0.2743, 0.3117



67.5915, 0.2791, 0.2865



19.6655, 0.2980, 0.3229



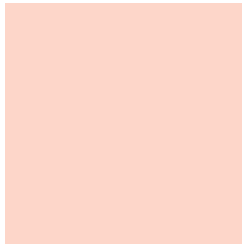
23.5219, 0.2016, 0.2456



2.4635, 0.2045, 0.2562

Previews

White Background



This preview shows how the Yxy color 73.1928, 0.3514, 0.3425 looks on a white background.

Color Contrast Check

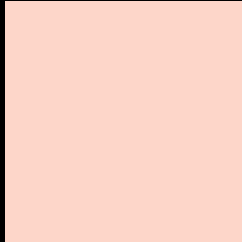
Large Text (above 18pt) WCAG AA × Fail

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 73.1928, 0.3514, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

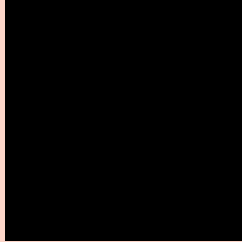
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1928, 0.3514, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 73.1928, 0.3514, 0.3425.

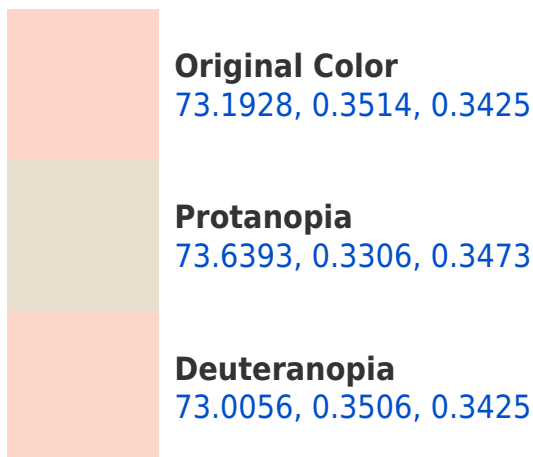


This preview shows how white text looks on a background with the Yxy color 73.1928, 0.3514, 0.3425.

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

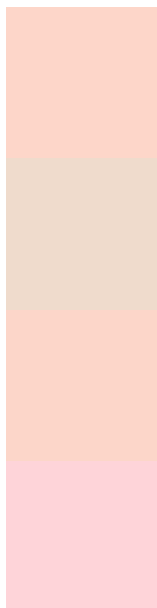




Tritanopia

73.3395, 0.3350, 0.3140

Trichromacy



Original Color

73.1928, 0.3514, 0.3425

Protanomaly

73.3734, 0.3377, 0.3450

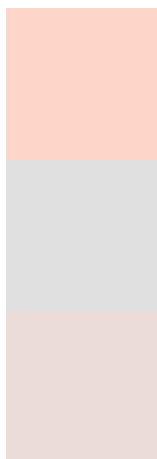
Deuteranomaly

73.0056, 0.3506, 0.3425

Tritanomaly

73.1676, 0.3407, 0.3240

Monochromacy



Original Color

73.1928, 0.3514, 0.3425

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8064, 0.3262, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1928, 0.3514, 0.3425 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(253, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(253, 214, 201)  
}
```

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(253, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 214, 201) }
```

Border

The CSS property to change the border of an element to Yxy 73.1928, 0.3514, 0.3425 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(253, 214, 201) }
```

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

```
.border{ border-color:rgb(253, 214, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 214, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(253, 214,  
201) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.1928, 0.3514, 0.3425$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 214, 201) }
```

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

```
.background{ background-color: rgb(253,  
214, 201) }
```

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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