

Converting Colors

$Yxy(73.8739, 0.3506, 0.3396)$

Have a look what the booklet for
Yxy(73.8739, 0.3506, 0.3396)
contains.

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Color

Yxy(73.7128, 0.3507, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6CC
RGB	255, 214, 204
RGB Percent	100%, 84%, 80%
CMY	0.0000, 0.1608, 0.1999
CMYK	0.00, 0.16, 0.20, 0.00
HSL	12°, 100%, 90%
HSV	12°, 20%, 100%
XYZ	76.1894, 73.7128, 67.3474
YIQ	225.1190, 27.6460, 5.5820

Conversions

Conversions Part 2

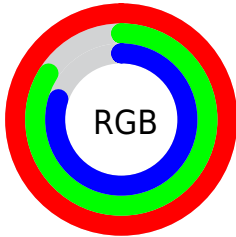
Format	Color
R _Y B	255, 216, 204
Decimal	16766668
CIE Lab	88.79, 12.80, 10.26
CIE LCh	89, 16.406, 38.714
Yxy	73.7128, 0.3507, 0.3393
Android (android.graphics.Color)	4294956748 (0xFFFFD6CC)
YUV	225.1190, -10.4117, 26.2056
Hunter-Lab	85.8562, 8.1541, 13.5910

Details

The Yxy color **73.7128, 0.3507, 0.3393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3722, 0.2820, 0.3185**, and the grayscale version is **75.4474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0040, 0.3600, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **62.8549, 0.3758, 0.3448**, and if you desaturate by 10%, it is **86.0805, 0.3299, 0.3340**.

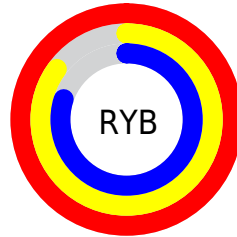
Distribution



Red (100%)

Green (84%)

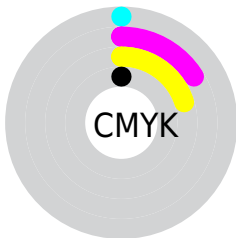
Blue (80%)



Red (100%)

Yellow (85%)

Blue (80%)

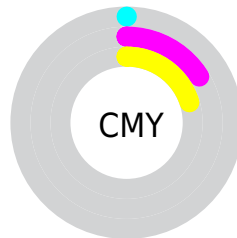


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7128, 0.3507, 0.3393 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 73.7128, 0.3507, 0.3393 by changing the saturation by 10% instead.


 73.7128, 0.3507,
0.3393

 73.7128, 0.3507,
0.3393

473.4816, 0.3330,
0.3348

 54.5590, 0.3548,
0.3403

124.4886, 0.3445,
0.3378

 39.0488, 0.3598,
0.3414


156.8794, 0.3422,
0.3372

 26.7977, 0.3662,
0.3428


194.4513, 0.3401,
0.3367

 17.4213, 0.3746,
0.3445

237.5887, 0.3383,
0.3362

 10.5353, 0.3860,
0.3467

286.6761, 0.3367,
0.3358

 5.7553, 0.4026,
0.3494

342.0977, 0.3354,

 2.6969, 0.4286,

0.3354

0.3527

404.2381, 0.3341,
0.3351

0.9756, 0.4971,
0.3724

0.0000, 1.0000,
0.0000

73.7128, 0.3507,
0.3393

73.7128, 0.3507,
0.3393

62.8549, 0.3758,
0.3448

86.0805, 0.3299,
0.3340

53.4442, 0.4059,
0.3503

100.0000, 0.3127,
0.3290

45.4204, 0.4411,
0.3552

38.7170, 0.4808,
0.3588

■ 33.2620, 0.5229,
0.3601

■ 28.9763, 0.5635,
0.3583

■ 25.7712, 0.5975,
0.3529

■ 23.5379, 0.6211,
0.3450

■ 23.5368, 0.6212,
0.3450

Harmonies

Analogous

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



73.7128, 0.3407, 0.3225



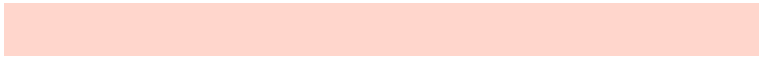
73.7128, 0.3507, 0.3393



73.7128, 0.3501, 0.3541

Triad

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



73.7128, 0.3507, 0.3393



73.7128, 0.3016, 0.3519



73.7128, 0.2863, 0.2963

Complementary

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



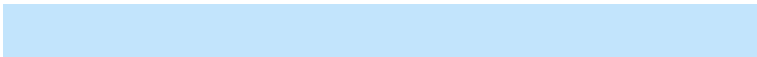
73.7128, 0.3507, 0.3393



85.3722, 0.2820, 0.3185

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.



73.7128, 0.2766, 0.3028



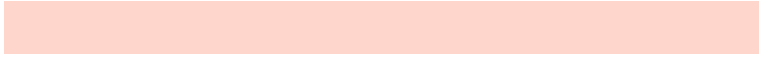
73.7128, 0.3507, 0.3393



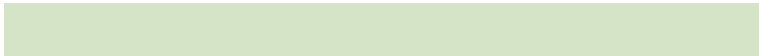
73.7128, 0.2852, 0.3349

Square

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



73.7128, 0.3507, 0.3393



73.7128, 0.3214, 0.3622



73.7128, 0.2762, 0.3168



73.7128, 0.3032, 0.2982

Rectangle

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



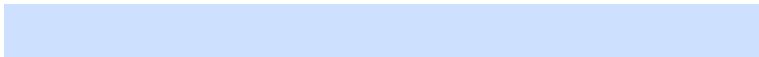
73.7128, 0.3507, 0.3393



73.7128, 0.3438, 0.3609



73.7128, 0.2762, 0.3168



73.7128, 0.2821, 0.2975

Sweetspot

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



73.7143, 0.3507, 0.3393



91.4534, 0.3226, 0.3319



71.0852, 0.3216, 0.2879



19.3831, 0.3238, 0.3323



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.



73.7143, 0.3507, 0.3393



69.1865, 0.3602, 0.3415



87.2683, 0.3459, 0.3639



18.5629, 0.3290, 0.3337



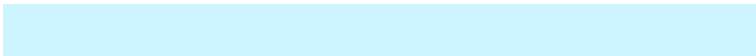
12.4608, 0.6187, 0.3469



1.3565, 0.5984, 0.3631

Inverse Universe

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



85.3722, 0.2820, 0.3185



82.7714, 0.2761, 0.3161



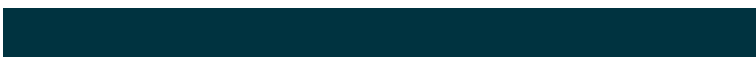
71.3299, 0.2803, 0.2915



19.8412, 0.2980, 0.3242



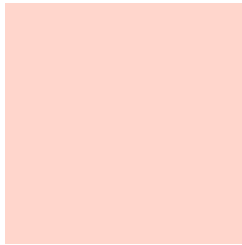
26.8141, 0.2069, 0.2648



2.7580, 0.2092, 0.2729

Previews

White Background



This preview shows how the Yxy color 73.7128, 0.3507, 0.3393 looks on a white background.

Color Contrast Check

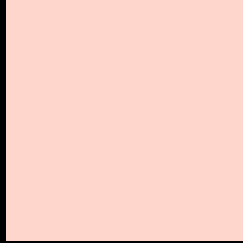
Large Text (above 18pt) WCAG AA × Fail

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 73.7128, 0.3507, 0.3393 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 73.7128, 0.3507, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 73.7128, 0.3507, 0.3393.



This preview shows how white text looks on a background with the Yxy color 73.7128, 0.3507, 0.3393.

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

73.7128, 0.3507, 0.3393

Protanopia

73.7855, 0.3286, 0.3441

Deuteranopia

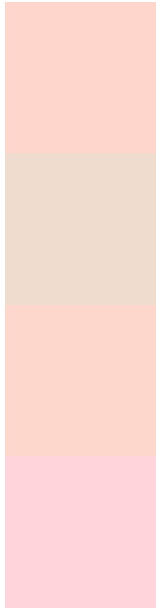
73.6560, 0.3482, 0.3404



Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

73.7128, 0.3507, 0.3393

Protanomaly

73.6933, 0.3363, 0.3417

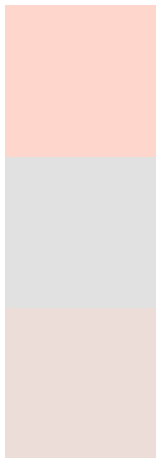
Deuteranomaly

73.8432, 0.3490, 0.3404

Tritanomaly

73.9630, 0.3399, 0.3230

Monochromacy



Original Color

73.7128, 0.3507, 0.3393

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5555, 0.3262, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7128, 0.3507, 0.3393 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, 214, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 204)  
}
```

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, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.7128, 0.3507, 0.3393 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, 214, 204) }
```

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

```
.border{ border-color:rgb(255, 214, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7128, 0.3507, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 204) }
```

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

```
.background{ background-color: rgb(255,  
214, 204) }
```

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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