

Converting Colors

$Y_{xy}(71.5604, 0.3515, 0.3349)$

Have a look what the booklet for
Yxy(71.5604, 0.3515, 0.3349)
contains.

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Color

Yxy(71.7128, 0.3515, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2CC
RGB	255, 210, 204
RGB Percent	100%, 82%, 80%
CMY	0.0001, 0.1764, 0.2001
CMYK	0.00, 0.18, 0.20, 0.00
HSL	7°, 100%, 90%
HSV	7°, 20%, 100%
XYZ	75.1776, 71.7128, 66.9861
YIQ	222.7710, 28.7460, 7.6740

Conversions

Conversions Part 2

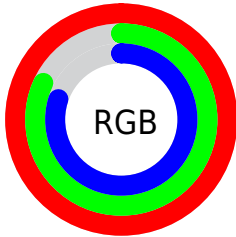
Format	Color
R _Y B	255, 211, 204
Decimal	16765644
CIE Lab	87.83, 14.86, 8.92
CIE LCh	88, 17.329, 30.970
Yxy	71.7128, 0.3515, 0.3353
Android (android.graphics.Color)	4294955724 (0xFFFFD2CC)
YUV	222.7710, -9.2541, 28.2648
Hunter-Lab	84.6834, 10.2672, 12.3789

Details

The Yxy color **71.7128, 0.3515, 0.3353** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7633, 0.2823, 0.3226**, and the grayscale version is **73.6723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6505, 0.3613, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **60.2604, 0.3777, 0.3387**, and if you desaturate by 10%, it is **84.9306, 0.3301, 0.3320**.

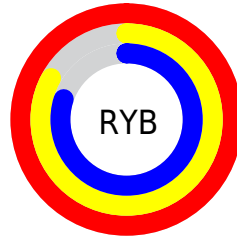
Distribution



Red (100%)

Green (82%)

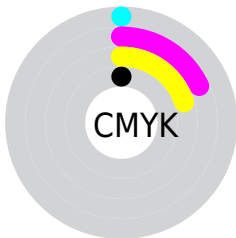
Blue (80%)



Red (100%)

Yellow (83%)

Blue (80%)

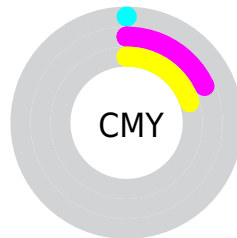


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7128, 0.3515, 0.3353 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 71.7128, 0.3515, 0.3353 by changing the saturation by 10% instead.


 71.7128, 0.3515,
0.3353

 71.7128, 0.3515,
0.3353

466.5413, 0.3334,
0.3327

 52.9241, 0.3557,
0.3358


121.6481, 0.3452,
0.3344

 37.7422, 0.3609,
0.3365


153.5635, 0.3427,
0.3341

 25.7827, 0.3675,
0.3372


190.6233, 0.3406,
0.3338

 16.6611, 0.3762,
0.3381

233.2118, 0.3388,
0.3335

 9.9932, 0.3882,
0.3391

281.7135, 0.3372,
0.3333

 5.3944, 0.4057,
0.3401

336.5127, 0.3358,

 2.4805, 0.4335,

0.3330

0.3409

397.9939, 0.3345,
0.3328

0.8668, 0.5100,
0.3577

0.0000, 1.0000,
0.0000

71.7128, 0.3515,
0.3353

71.7128, 0.3515,
0.3353

60.2604, 0.3777,
0.3387

84.9306, 0.3301,
0.3320

50.4893, 0.4095,
0.3420

99.9739, 0.3127,
0.3290

42.3232, 0.4471,
0.3449

99.9967, 0.3127,
0.3290

35.6757, 0.4897,
0.3469

■ 30.4529, 0.5348,
0.3473

■ 26.5497, 0.5774,
0.3456

■ 23.8466, 0.6112,
0.3415

■ 22.1967, 0.6320,
0.3364

Harmonies

Analogous

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



71.7128, 0.3383, 0.3176



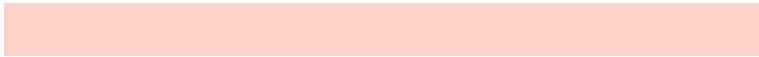
71.7128, 0.3515, 0.3353



71.7128, 0.3539, 0.3521

Triad

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



71.7128, 0.3515, 0.3353



71.7128, 0.3062, 0.3572



71.7128, 0.2810, 0.2951

Complementary

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



71.7128, 0.3515, 0.3353



87.7633, 0.2823, 0.3226

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.



71.7128, 0.2731, 0.3042



71.7128, 0.3515, 0.3353



71.7128, 0.2873, 0.3403

Square

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



71.7128, 0.3515, 0.3353



71.7128, 0.3272, 0.3657



71.7128, 0.2754, 0.3206



71.7128, 0.2973, 0.2949

Rectangle

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



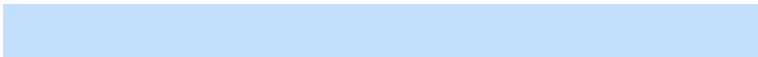
71.7128, 0.3515, 0.3353



71.7128, 0.3490, 0.3606



71.7128, 0.2754, 0.3206



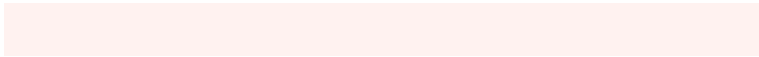
71.7128, 0.2773, 0.2972

Sweetspot

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



71.7161, 0.3515, 0.3353



90.7486, 0.3227, 0.3308



71.2693, 0.3192, 0.2846



19.2171, 0.3239, 0.3310



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

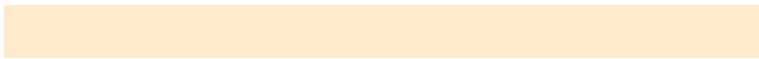
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7161, 0.3515, 0.3353



66.9448, 0.3613, 0.3367



85.2765, 0.3466, 0.3606



18.3337, 0.3292, 0.3319



11.7086, 0.6303, 0.3378



1.2457, 0.6139, 0.3508

Inverse Universe

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



87.7633, 0.2823, 0.3226



85.6413, 0.2765, 0.3212



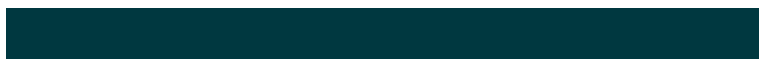
73.1079, 0.2805, 0.2952



20.0921, 0.2980, 0.3261



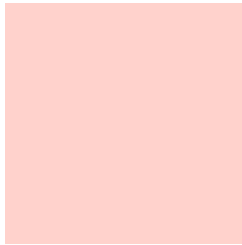
31.9923, 0.2142, 0.2911



3.2144, 0.2155, 0.2958

Previews

White Background



This preview shows how the Yxy color 71.7128, 0.3515, 0.3353 looks on a white background.

Color Contrast Check

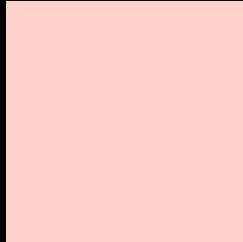
Large Text (above 18pt) WCAG AA × Fail

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 71.7128, 0.3515, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

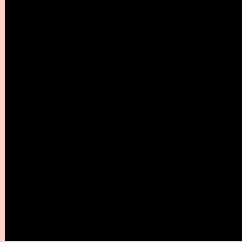
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7128, 0.3515, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 71.7128, 0.3515, 0.3353.

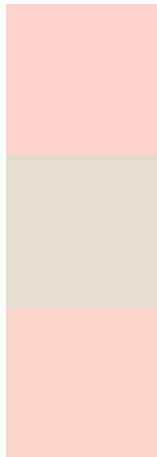


This preview shows how white text looks on a background with the Yxy color 71.7128, 0.3515, 0.3353.

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

71.7128, 0.3515, 0.3353

Protanopia

72.1207, 0.3252, 0.3410

Deuteranopia

71.8568, 0.3463, 0.3395



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.7128, 0.3515, 0.3353

Protanomaly

71.6213, 0.3345, 0.3386

Deuteranomaly

71.9080, 0.3488, 0.3384

Tritanomaly

71.8188, 0.3427, 0.3220

Monochromacy



Original Color

71.7128, 0.3515, 0.3353

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7628, 0.3264, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7128, 0.3515, 0.3353 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, 210, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 204) }
```

Border

The CSS property to change the border of an element to Yxy 71.7128, 0.3515, 0.3353 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, 210, 204) }
```

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

```
.border{ border-color:rgb(255, 210, 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, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7128, 0.3515, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 204) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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