

Converting Colors

$Y_{xy}(71.0925, 0.3548, 0.3414)$

Have a look what the booklet for
Yxy(71.0925, 0.3548, 0.3414)
contains.

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Color

Yxy(71.0531, 0.3545, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	FDD2C6
RGB	253, 210, 198
RGB Percent	99%, 82%, 78%
CMY	0.0077, 0.1765, 0.2235
CMYK	0.00, 0.17, 0.22, 0.01
HSL	13°, 93%, 88%
HSV	13°, 22%, 99%
XYZ	73.7579, 71.0531, 63.2508
YIQ	221.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

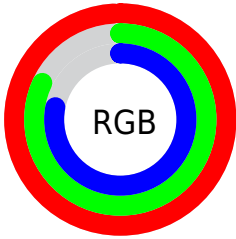
Format	Color
R _Y B	253, 213, 198
Decimal	16634566
CIE Lab	87.51, 13.31, 11.59
CIE LCh	88, 17.645, 41.055
Yxy	71.0531, 0.3545, 0.3415
Android (android.graphics.Color)	4294824646 (0xFFFD2C6)
YUV	221.4890, -11.5801, 27.6351
Hunter-Lab	84.2930, 8.6780, 14.5158

Details

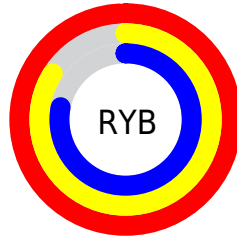
The Yxy color **71.0531, 0.3545, 0.3415** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0374, 0.2793, 0.3161**, and the grayscale version is **72.7395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1921, 0.3653, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **60.8098, 0.3801, 0.3477**, and if you desaturate by 10%, it is **82.7063, 0.3332, 0.3355**.

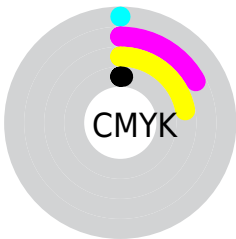
Distribution



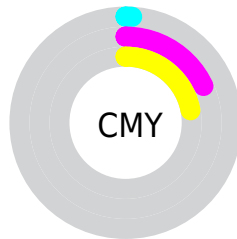
- Red (99%)
- Green (82%)
- Blue (78%)



- Red (99%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (1%)





- Cyan (1%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0531, 0.3545, 0.3415 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 71.0531, 0.3545, 0.3415 by changing the saturation by 10% instead.


 71.0531, 0.3545,
0.3415

 71.0531, 0.3545,
0.3415


464.2390, 0.3349,
0.3360

 52.3855, 0.3590,
0.3427


120.7093, 0.3477,
0.3397

 37.3125, 0.3647,
0.3441


152.4668, 0.3450,
0.3389

 25.4495, 0.3718,
0.3458


189.3563, 0.3427,
0.3383

 16.4123, 0.3813,
0.3479

231.7623, 0.3408,
0.3377

 9.8164, 0.3943,
0.3506

280.0692, 0.3390,
0.3372

 5.2774, 0.4132,
0.3539

334.6614, 0.3375,

 2.4109, 0.4431,

0.3368

0.3579

395.9232, 0.3361,
0.3364

0.8315, 0.5529,
0.4012

0.0000, 1.0000,
0.0000

71.0531, 0.3545,
0.3415

71.0531, 0.3545,
0.3415

60.8098, 0.3801,
0.3477

82.7063, 0.3332,
0.3355

51.9130, 0.4106,
0.3536

95.8104, 0.3155,
0.3299

44.3090, 0.4459,
0.3589

99.6301, 0.3115,
0.3290

37.9366, 0.4853,
0.3627

■ 32.7292, 0.5265,
0.3638

■ 28.6140, 0.5657,
0.3615

■ 25.5092, 0.5979,
0.3552

■ 23.6358, 0.6172,
0.3482

Harmonies

Analogous

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



71.0531, 0.3444, 0.3233



71.0531, 0.3545, 0.3415



71.0531, 0.3529, 0.3573

Triad

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



71.0531, 0.3545, 0.3415



71.0531, 0.2990, 0.3527



71.0531, 0.2851, 0.2933

Complementary

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



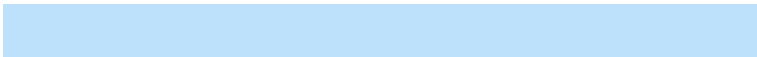
71.0531, 0.3545, 0.3415



82.0374, 0.2793, 0.3161

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.



71.0531, 0.2739, 0.2996



71.0531, 0.3545, 0.3415



71.0531, 0.2817, 0.3338

Square

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



71.0531, 0.3545, 0.3415



71.0531, 0.3204, 0.3648



71.0531, 0.2727, 0.3142



71.0531, 0.3039, 0.2961

Rectangle

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



71.0531, 0.3545, 0.3415



71.0531, 0.3455, 0.3643



71.0531, 0.2727, 0.3142



71.0531, 0.2804, 0.2944

Sweetspot

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



71.0563, 0.3545, 0.3415



90.3173, 0.3243, 0.3328



67.6348, 0.3238, 0.2859



19.1603, 0.3254, 0.3332



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

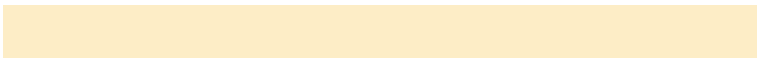
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0563, 0.3545, 0.3415



67.7026, 0.3649, 0.3441



85.7933, 0.3487, 0.3688



18.6286, 0.3289, 0.3342



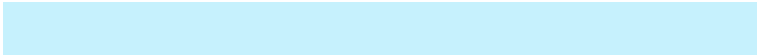
12.7418, 0.6146, 0.3502



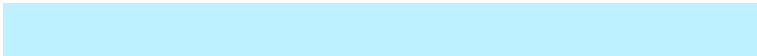
1.3928, 0.5936, 0.3669

Inverse Universe

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



82.0374, 0.2793, 0.3161



80.6465, 0.2731, 0.3133



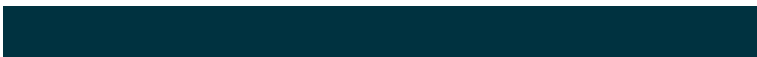
66.9871, 0.2771, 0.2858



19.7701, 0.2980, 0.3237



25.4498, 0.2048, 0.2571



2.6364, 0.2073, 0.2662

Previews

White Background



This preview shows how the Yxy color 71.0531, 0.3545, 0.3415 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 71.0531, 0.3545, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

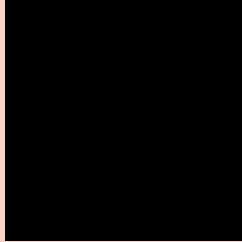
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0531, 0.3545, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 71.0531, 0.3545, 0.3415.

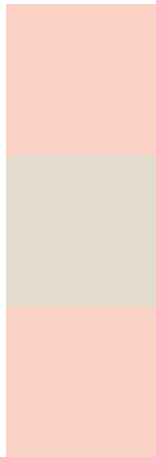


This preview shows how white text looks on a background with the Yxy color 71.0531, 0.3545, 0.3415.

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

71.0531, 0.3545, 0.3415

Protanopia

71.3057, 0.3294, 0.3465

Deuteranopia

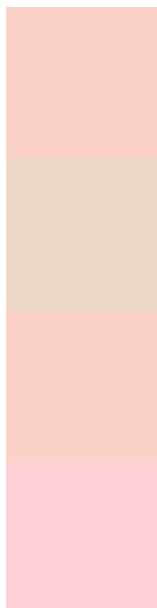
71.3039, 0.3509, 0.3437



Tritanopia

71.1596, 0.3385, 0.3139

Trichromacy



Original Color

71.0531, 0.3545, 0.3415

Protanomaly

71.1616, 0.3380, 0.3452

Deuteranomaly

70.9897, 0.3519, 0.3426

Tritanomaly

70.9867, 0.3443, 0.3240

Monochromacy



Original Color

71.0531, 0.3545, 0.3415

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.7534, 0.3272, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0531, 0.3545, 0.3415 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, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(253, 210, 198)  
}
```

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, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 210, 198) }
```

Border

The CSS property to change the border of an element to Yxy 71.0531, 0.3545, 0.3415 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, 210, 198) }
```

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

```
.border{ border-color:rgb(253, 210, 198) }
```

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

Here you see how a box with a 4 pixel rgb(253, 210, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(253, 210,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0531, 0.3545, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 210, 198) }
```

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

```
.background{ background-color: rgb(253,  
210, 198) }
```

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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