

Converting Colors

Yxy(71.8132, 0.3502, 0.3405)

Have a look what the booklet for
Yxy(71.8132, 0.3502, 0.3405)
contains.

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Color

Yxy(71.8132, 0.3502, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	FBD4C9
RGB	251, 212, 201
RGB Percent	98%, 83%, 79%
CMY	0.0159, 0.1685, 0.2117
CMYK	0.00, 0.16, 0.20, 0.02
HSL	13°, 86%, 89%
HSV	13°, 20%, 98%
XYZ	73.8590, 71.8132, 65.2330
YIQ	222.4070, 26.7750, 4.8470

Conversions

Conversions Part 2

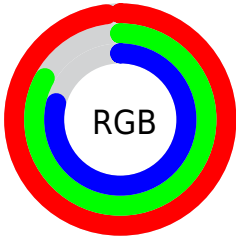
Format	Color
R _Y B	251, 215, 201
Decimal	16504009
CIE Lab	87.88, 11.93, 10.50
CIE LCh	88, 15.891, 41.346
Yxy	71.8132, 0.3502, 0.3405
Android (android.graphics.Color)	4294694089 (0xFFFB4C9)
YUV	222.4070, -10.5537, 25.0761
Hunter-Lab	84.7427, 7.2752, 13.6798

Details

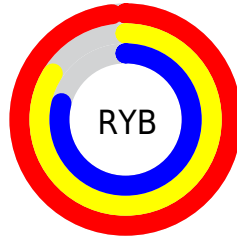
The Yxy color **71.8132, 0.3502, 0.3405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.6704, 0.2821, 0.3172**, and the grayscale version is **73.4112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6899, 0.3596, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **61.5331, 0.3750, 0.3467**, and if you desaturate by 10%, it is **83.4779, 0.3296, 0.3345**.

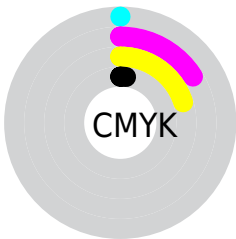
Distribution



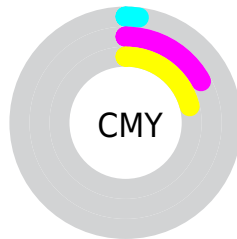
- Red (98%)
- Green (83%)
- Blue (79%)



- Red (98%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8132, 0.3502, 0.3405 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 71.8132, 0.3502, 0.3405 by changing the saturation by 10% instead.


 71.8132, 0.3502,
0.3405

 71.8132, 0.3502,
0.3405

466.8912, 0.3327,
0.3354

 53.0061, 0.3542,
0.3416


121.7909, 0.3441,
0.3388

 37.8076, 0.3593,
0.3429


153.7303, 0.3417,
0.3381

 25.8334, 0.3657,
0.3445


190.8159, 0.3397,
0.3375

 16.6991, 0.3741,
0.3465

233.4322, 0.3379,
0.3370

 10.0202, 0.3856,
0.3491

281.9634, 0.3364,
0.3365

 5.4123, 0.4024,
0.3524

336.7941, 0.3350,

 2.4912, 0.4290,

0.3361

0.3566

398.3085, 0.3338,
0.3358

0.8722, 0.5143,
0.3894

0.0000, 1.0000,
0.0000

71.8132, 0.3502,
0.3405

71.8132, 0.3502,
0.3405

61.5331, 0.3750,
0.3467

83.4779, 0.3296,
0.3345

52.5763, 0.4044,
0.3528

96.5663, 0.3126,
0.3289

44.8913, 0.4388,
0.3584

99.2412, 0.3102,
0.3290

38.4194, 0.4774,
0.3625

■ 33.0971, 0.5184,
0.3643

■ 28.8549, 0.5582,
0.3627

■ 25.6154, 0.5921,
0.3571

■ 23.2831, 0.6164,
0.3487

■ 23.2642, 0.6166,
0.3486

Harmonies

Analogous

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



71.8132, 0.3413, 0.3240



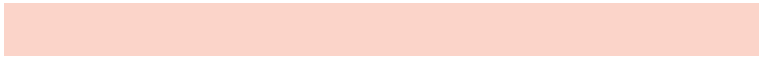
71.8132, 0.3502, 0.3405



71.8132, 0.3487, 0.3546

Triad

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



71.8132, 0.3502, 0.3405



71.8132, 0.3003, 0.3501



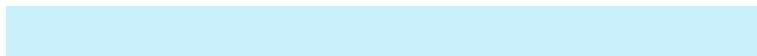
71.8132, 0.2881, 0.2968

Complementary

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



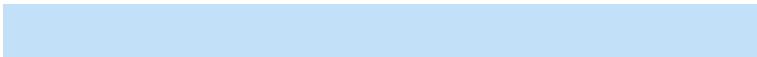
71.8132, 0.3502, 0.3405



81.6704, 0.2821, 0.3172

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.



71.8132, 0.2778, 0.3025



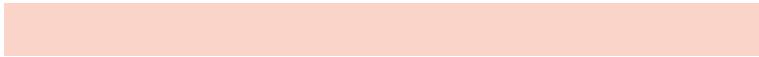
71.8132, 0.3502, 0.3405



71.8132, 0.2847, 0.3332

Square

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



71.8132, 0.3502, 0.3405



71.8132, 0.3195, 0.3609



71.8132, 0.2767, 0.3156



71.8132, 0.3050, 0.2994

Rectangle

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



71.8132, 0.3502, 0.3405



71.8132, 0.3420, 0.3607



71.8132, 0.2767, 0.3156



71.8132, 0.2838, 0.2978

Sweetspot

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



71.8165, 0.3502, 0.3405



91.6782, 0.3226, 0.3323



68.5792, 0.3227, 0.2897



19.4360, 0.3237, 0.3327



0.0000, 0.0000, 0.0000



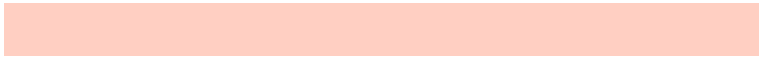
21.4041, 0.3127, 0.3290

Same Dimension

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



71.8165, 0.3502, 0.3405



69.9128, 0.3599, 0.3430



85.1747, 0.3454, 0.3653



17.8455, 0.3289, 0.3343



12.4080, 0.6140, 0.3507



1.2990, 0.5918, 0.3683

Inverse Universe

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



81.6704, 0.2821, 0.3172



81.8753, 0.2760, 0.3145



68.0652, 0.2804, 0.2899



18.9212, 0.2980, 0.3236



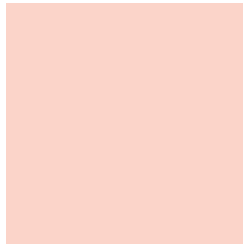
24.5607, 0.2045, 0.2563



2.4293, 0.2072, 0.2659

Previews

White Background



This preview shows how the Yxy color 71.8132, 0.3502, 0.3405 looks on a white background.

Color Contrast Check

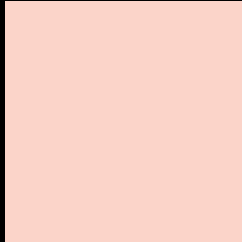
Large Text (above 18pt) WCAG AA × Fail

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 71.8132, 0.3502, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

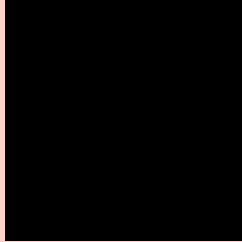
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8132, 0.3502, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 71.8132, 0.3502, 0.3405.

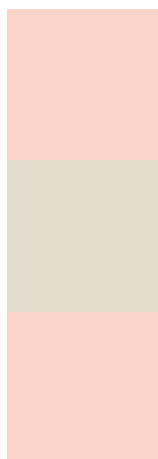


This preview shows how white text looks on a background with the Yxy color 71.8132, 0.3502, 0.3405.

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

71.8132, 0.3502, 0.3405

Protanopia

72.0882, 0.3287, 0.3453

Deuteranopia

71.9453, 0.3485, 0.3416



Tritanopia

71.6188, 0.3354, 0.3119

Trichromacy



Original Color

71.8132, 0.3502, 0.3405

Protanomaly

71.8182, 0.3357, 0.3430

Deuteranomaly

72.1295, 0.3493, 0.3415

Tritanomaly

71.4414, 0.3411, 0.3219

Monochromacy



Original Color

71.8132, 0.3502, 0.3405

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3215, 0.3264, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8132, 0.3502, 0.3405 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(251, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 212, 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(251, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 212, 201) }
```

Border

The CSS property to change the border of an element to Yxy 71.8132, 0.3502, 0.3405 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(251, 212, 201) }
```

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

```
.border{ border-color:rgb(251, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 212,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8132, 0.3502, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 212, 201) }
```

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

```
.background{ background-color: rgb(251,  
212, 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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