

Converting Colors

$Yxy(69.7406, 0.3504, 0.3344)$

Have a look what the booklet for
Yxy(69.7406, 0.3504, 0.3344)
contains.

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Color

Yxy(69.8852, 0.3503, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0CA
RGB	251, 208, 202
RGB Percent	98%, 82%, 79%
CMY	0.0155, 0.1844, 0.2078
CMYK	0.00, 0.17, 0.20, 0.02
HSL	7°, 86%, 89%
HSV	7°, 20%, 98%
XYZ	73.0116, 69.8852, 65.5291
YIQ	220.1730, 27.5540, 7.2500

Conversions

Conversions Part 2

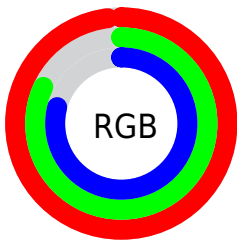
Format	Color
RYB	251, 209, 202
Decimal	16502986
CIELab	86.94, 14.21, 8.63
CIElCh	87, 16.622, 31.261
Yxy	69.8852, 0.3503, 0.3353
Android (android.graphics.Color)	4294693066 (0xFFFB0CA)
YUV	220.1730, -8.9593, 27.0353
Hunter-Lab	83.5974, 9.6015, 12.0428

Details

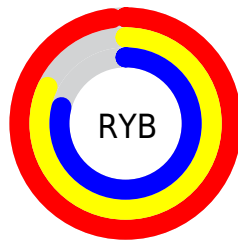
The Yxy color **69.8852, 0.3503, 0.3353** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.8712, 0.2830, 0.3226**, and the grayscale version is **71.7512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7187, 0.3595, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **58.7816, 0.3762, 0.3388**, and if you desaturate by 10%, it is **82.6826, 0.3292, 0.3320**.

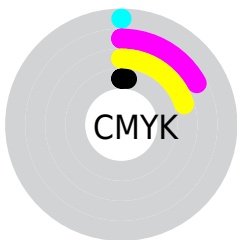
Distribution



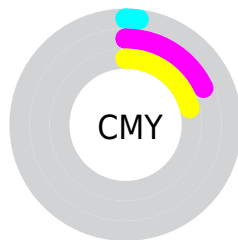
- Red (98%)
- Green (82%)
- Blue (79%)



- Red (98%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8852, 0.3503, 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 69.8852, 0.3503, 0.3353 by changing the saturation by 10% instead.


 69.8852, 0.3503,
0.3353

 69.8852, 0.3503,
0.3353


460.1468, 0.3326,
0.3326

 51.4330, 0.3544,
0.3358


119.0450, 0.3441,
0.3344

 36.5533, 0.3595,
0.3365


150.5214, 0.3417,
0.3341

 24.8618, 0.3660,
0.3373


187.1079, 0.3397,
0.3338

 15.9741, 0.3746,
0.3382

229.1890, 0.3379,
0.3335

 9.5058, 0.3865,
0.3392

277.1490, 0.3363,
0.3332

 5.0726, 0.4040,
0.3404

331.3724, 0.3350,

 2.2899, 0.4319,

0.3330

0.3413

392.2436, 0.3337,
0.3328

0.7684, 0.5233,
0.3656

0.0000, 1.0000,
0.0000

69.8852, 0.3503,
0.3353

69.8852, 0.3503,
0.3353

58.7816, 0.3762,
0.3388

82.6826, 0.3292,
0.3320

49.2918, 0.4076,
0.3422

97.2308, 0.3120,
0.3289

41.3433, 0.4447,
0.3452

99.2561, 0.3103,
0.3290

34.8544, 0.4870,
0.3474

■ 29.7359, 0.5319,
0.3479

■ 25.8886, 0.5747,
0.3463

■ 23.1999, 0.6091,
0.3422

■ 21.5317, 0.6308,
0.3369

■ 21.4743, 0.6316,
0.3367

Harmonies

Analogous

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



69.8852, 0.3376, 0.3181



69.8852, 0.3503, 0.3353



69.8852, 0.3525, 0.3515

Triad

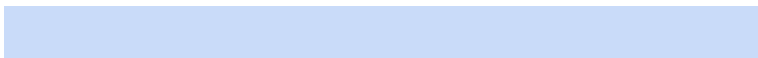
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8852, 0.3503, 0.3353



69.8852, 0.3062, 0.3561



69.8852, 0.2821, 0.2961

Complementary

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



69.8852, 0.3503, 0.3353



84.8712, 0.2830, 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.



69.8852, 0.2744, 0.3049



69.8852, 0.3503, 0.3353



69.8852, 0.2880, 0.3398

Square

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



69.8852, 0.3503, 0.3353



69.8852, 0.3266, 0.3645



69.8852, 0.2765, 0.3208



69.8852, 0.2980, 0.2960

Rectangle

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



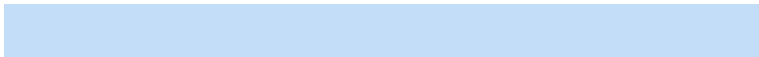
69.8852, 0.3503, 0.3353



69.8852, 0.3477, 0.3597



69.8852, 0.2765, 0.3208



69.8852, 0.2785, 0.2981

Sweetspot

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



69.8884, 0.3503, 0.3353



90.7784, 0.3227, 0.3308



69.3782, 0.3190, 0.2858



19.2241, 0.3239, 0.3311



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

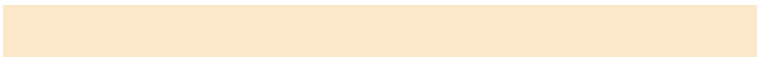
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8884, 0.3503, 0.3353



68.2074, 0.3588, 0.3365



82.6336, 0.3456, 0.3598



17.5657, 0.3291, 0.3320



11.3928, 0.6298, 0.3381



1.1603, 0.6122, 0.3521

Inverse Universe

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



84.8712, 0.2830, 0.3226



86.0486, 0.2780, 0.3214



71.1389, 0.2814, 0.2962



19.2264, 0.2980, 0.3260



30.8292, 0.2139, 0.2900



2.9537, 0.2153, 0.2951

Previews

White Background



This preview shows how the Yxy color 69.8852, 0.3503, 0.3353 looks on a white background.

Color Contrast Check

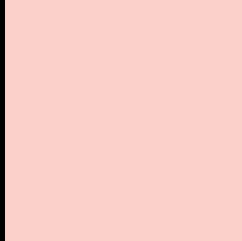
Large Text (above 18pt) WCAG AA × Fail

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 69.8852, 0.3503, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

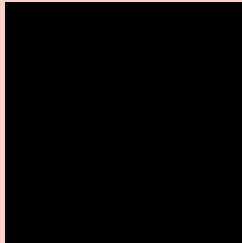
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.8852, 0.3503, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 69.8852, 0.3503, 0.3353.

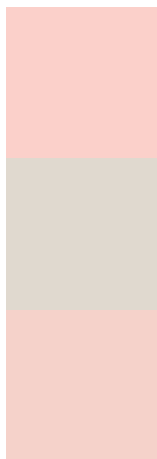


This preview shows how white text looks on a background with the Yxy color 69.8852, 0.3503, 0.3353.

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

69.8852, 0.3503, 0.3353

Protanopia

69.9780, 0.3246, 0.3400

Deuteranopia

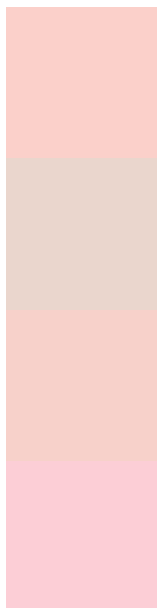
69.7699, 0.3452, 0.3375



Tritanopia

69.7657, 0.3380, 0.3128

Trichromacy



Original Color

69.8852, 0.3503, 0.3353

Protanomaly

69.9933, 0.3339, 0.3388

Deuteranomaly

69.6394, 0.3470, 0.3364

Tritanomaly

69.6931, 0.3423, 0.3209

Monochromacy



Original Color

69.8852, 0.3503, 0.3353

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9048, 0.3258, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8852, 0.3503, 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(251, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 202)  
}
```

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, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 69.8852, 0.3503, 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(251, 208, 202) }
```

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

```
.border{ border-color:rgb(251, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(251, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8852, 0.3503, 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(251, 208, 202) }
```

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

```
.background{ background-color: rgb(251,  
208, 202) }
```

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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