

Converting Colors

$Y_{xy}(70.7223, 0.3451, 0.3364)$

Have a look what the booklet for
Yxy(70.7223, 0.3451, 0.3364)
contains.

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Color

Yxy(70.7223, 0.3451, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	F7D3CC
RGB	247, 211, 204
RGB Percent	97%, 83%, 80%
CMY	0.0314, 0.1725, 0.2000
CMYK	0.00, 0.15, 0.17, 0.03
HSL	10°, 73%, 88%
HSV	10°, 17%, 97%
XYZ	72.5513, 70.7223, 66.9591
YIQ	220.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

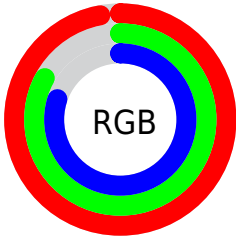
Format	Color
R _Y B	247, 212, 204
Decimal	16241612
CIE Lab	87.35, 11.48, 8.11
CIE LCh	87, 14.057, 35.246
Yxy	70.7223, 0.3451, 0.3364
Android (android.graphics.Color)	4294431692 (0xFFFF7D3CC)
YUV	220.9660, -8.3642, 22.8318
Hunter-Lab	84.0966, 6.8256, 11.6599

Details

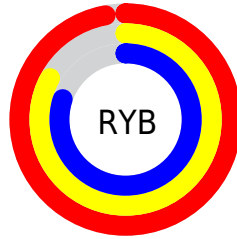
The Yxy color **70.7223, 0.3451, 0.3364** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.8759, 0.2861, 0.3215**, and the grayscale version is **72.3307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9261, 0.3528, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **60.0093, 0.3694, 0.3410**, and if you desaturate by 10%, it is **82.9516, 0.3251, 0.3320**.

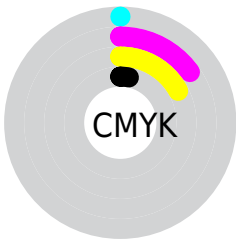
Distribution



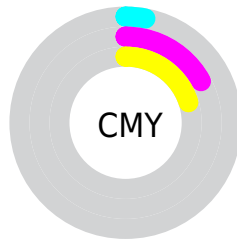
- Red (97%)
- Green (83%)
- Blue (80%)



- Red (97%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.7223, 0.3451, 0.3364 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 70.7223, 0.3451, 0.3364 by changing the saturation by 10% instead.

 70.7223, 0.3451,
0.3364

 70.7223, 0.3451,
0.3364


463.0821, 0.3299,
0.3332

 52.1156, 0.3486,
0.3371


120.2382, 0.3398,
0.3353

 37.0972, 0.3530,
0.3379


151.9163, 0.3377,
0.3349

 25.2828, 0.3585,
0.3390


188.7202, 0.3360,
0.3345

 16.2879, 0.3659,
0.3402

231.0344, 0.3345,
0.3342

 9.7281, 0.3760,
0.3418

279.2433, 0.3331,
0.3339

 5.2190, 0.3909,
0.3439

333.7313, 0.3319,

 2.3763, 0.4146,

0.3336

0.3464

394.8827, 0.3309,
0.3334

0.8137, 0.4863,
0.3691

0.0000, 1.0000,
0.0000

70.7223, 0.3451,
0.3364

70.7223, 0.3451,
0.3364

60.0093, 0.3694,
0.3410

82.9516, 0.3251,
0.3320

50.7440, 0.3987,
0.3456

96.7431, 0.3088,
0.3280

42.8670, 0.4335,
0.3498

98.5139, 0.3078,
0.3290

36.3109, 0.4733,
0.3530

■ 31.0025, 0.5163,
0.3546

■ 26.8617, 0.5588,
0.3535

■ 23.7984, 0.5955,
0.3493

■ 21.7080, 0.6211,
0.3426

■ 21.3047, 0.6262,
0.3410

Harmonies

Analogous

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



70.7223, 0.3355, 0.3217



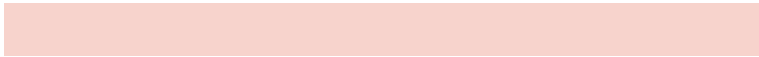
70.7223, 0.3451, 0.3364



70.7223, 0.3457, 0.3497

Triad

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



70.7223, 0.3451, 0.3364



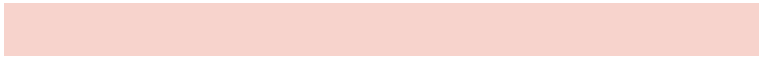
70.7223, 0.3050, 0.3502



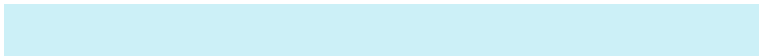
70.7223, 0.2884, 0.3008

Complementary

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



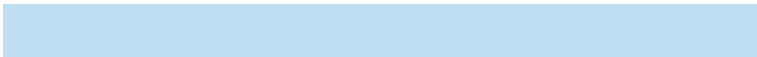
70.7223, 0.3451, 0.3364



81.8759, 0.2861, 0.3215

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.



70.7223, 0.2807, 0.3074



70.7223, 0.3451, 0.3364



70.7223, 0.2902, 0.3360

Square

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



70.7223, 0.3451, 0.3364



70.7223, 0.3223, 0.3583



70.7223, 0.2814, 0.3202



70.7223, 0.3025, 0.3015

Rectangle

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



70.7223, 0.3451, 0.3364



70.7223, 0.3410, 0.3559



70.7223, 0.2814, 0.3202



70.7223, 0.2850, 0.3022

Sweetspot

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



70.7255, 0.3451, 0.3364



92.5829, 0.3209, 0.3310



69.2885, 0.3193, 0.2920



19.6008, 0.3221, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

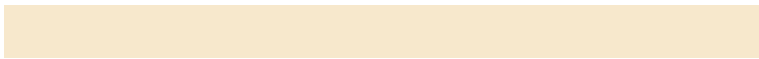
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7255, 0.3451, 0.3364



71.6727, 0.3534, 0.3381



81.8205, 0.3415, 0.3577



16.9180, 0.3290, 0.3329



11.4014, 0.6240, 0.3427



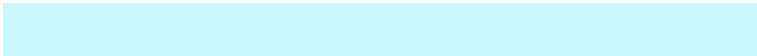
1.1263, 0.6026, 0.3598

Inverse Universe

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



81.8759, 0.2861, 0.3215



85.7853, 0.2807, 0.3198



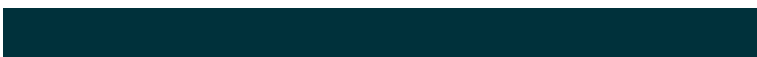
70.2464, 0.2849, 0.2985



18.2717, 0.2980, 0.3251



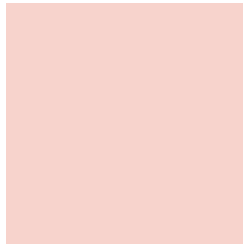
27.2804, 0.2101, 0.2763



2.5176, 0.2121, 0.2836

Previews

White Background



This preview shows how the Yxy color 70.7223, 0.3451, 0.3364 looks on a white background.

Color Contrast Check

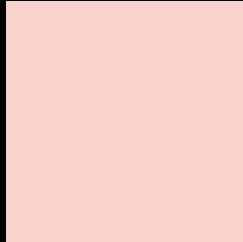
Large Text (above 18pt) WCAG AA × Fail

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 70.7223, 0.3451, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

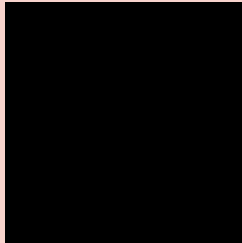
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.7223, 0.3451, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 70.7223, 0.3451, 0.3364.

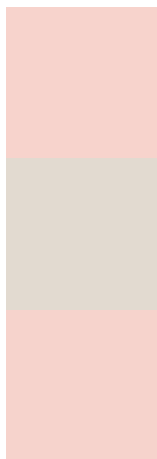


This preview shows how white text looks on a background with the Yxy color 70.7223, 0.3451, 0.3364.

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

70.7223, 0.3451, 0.3364

Protanopia

70.8656, 0.3253, 0.3399

Deuteranopia

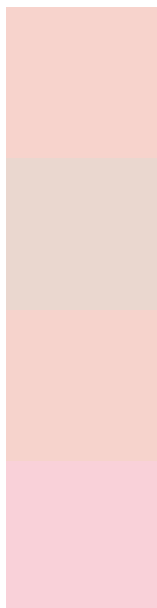
70.5410, 0.3443, 0.3364



Tritanopia

70.8176, 0.3331, 0.3127

Trichromacy



Original Color

70.7223, 0.3451, 0.3364

Protanomaly

70.5983, 0.3324, 0.3376

Deuteranomaly

70.5410, 0.3443, 0.3364

Tritanomaly

70.7504, 0.3373, 0.3208

Monochromacy



Original Color

70.7223, 0.3451, 0.3364

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.3550, 0.3236, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7223, 0.3451, 0.3364 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(247, 211, 204)` looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 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(247, 211, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 204) }
```

Border

The CSS property to change the border of an element to Yxy 70.7223, 0.3451, 0.3364 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(247, 211, 204) }
```

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

```
.border{ border-color:rgb(247, 211, 204) }
```

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

Here you see how a box with a 4 pixel rgb(247, 211, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 204);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7223, 0.3451, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 204) }
```

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

```
.background{ background-color: rgb(247,  
211, 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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