

Converting Colors

$Y_{xy}(70.7942, 0.3410, 0.3255)$

Have a look what the booklet for
Yxy(70.7942, 0.3410, 0.3255)
contains.

Yxy(70.7290, 0.3411, 0.3250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.7290, 0.3411, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FAD1D5
RGB	250, 209, 213
RGB Percent	98%, 82%, 84%
CMY	0.0196, 0.1804, 0.1648
CMYK	0.00, 0.16, 0.15, 0.02
HSL	354°, 80%, 90%
HSV	354°, 16%, 98%
XYZ	74.2328, 70.7290, 72.6659
YIQ	221.7150, 23.1520, 9.9360

Conversions

Conversions Part 2

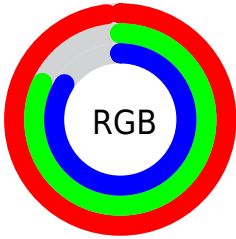
Format	Color
R _Y B	250, 209, 213
Decimal	16437717
CIE Lab	87.35, 14.97, 3.42
CIE LCh	87, 15.354, 12.859
Yxy	70.7290, 0.3411, 0.3250
Android (android.graphics.Color)	4294627797 (0xFFFAD1D5)
YUV	221.7150, -4.2965, 24.8059
Hunter-Lab	84.1005, 10.3802, 7.6417

Details

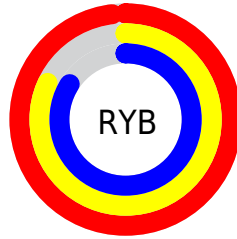
The Yxy color **70.7290, 0.3411, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.5885, 0.2900, 0.3331**, and the grayscale version is **72.8550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9173, 0.3484, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **58.3433, 0.3642, 0.3224**, and if you desaturate by 10%, it is **85.2057, 0.3226, 0.3275**.

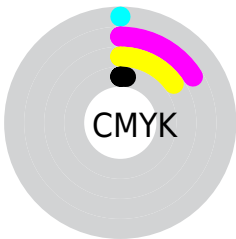
Distribution



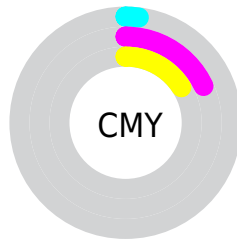
- Red (98%)
- Green (82%)
- Blue (84%)



- Red (98%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.7290, 0.3411, 0.3250 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 70.7290, 0.3411, 0.3250 by changing the saturation by 10% instead.


 70.7290, 0.3411,
0.3250

 70.7290, 0.3411,
0.3250


463.1055, 0.3278,
0.3270

 52.1211, 0.3442,
0.3245

120.2478, 0.3365,
0.3257

 37.1016, 0.3480,
0.3239


151.9274, 0.3347,
0.3260

 25.2862, 0.3528,
0.3231


188.7331, 0.3331,
0.3262

 16.2904, 0.3592,
0.3220

231.0491, 0.3318,
0.3264

 9.7299, 0.3680,
0.3205

279.2600, 0.3306,
0.3266

 5.2202, 0.3810,
0.3181

333.7501, 0.3296,

 2.3770, 0.4016,

0.3267

0.3139

394.9038, 0.3287,
0.3269

0.8140, 0.4458,
0.3087

0.0000, 1.0000,
0.0000

70.7290, 0.3411,
0.3250

70.7290, 0.3411,
0.3250

58.3433, 0.3642,
0.3224

85.2057, 0.3226,
0.3275

47.9430, 0.3927,
0.3198

99.0652, 0.3096,
0.3290

39.4275, 0.4274,
0.3175

32.6840, 0.4681,
0.3158

■ 27.5871, 0.5131,
0.3153

■ 23.9955, 0.5583,
0.3164

■ 21.7438, 0.5976,
0.3194

■ 20.6263, 0.6248,
0.3239

■ 20.3917, 0.6314,
0.3252

Harmonies

Analogous

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



70.7290, 0.3252, 0.3104



70.7290, 0.3411, 0.3250



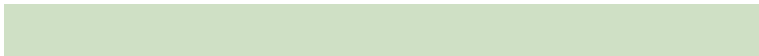
70.7290, 0.3493, 0.3410

Triad

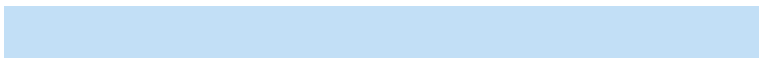
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7290, 0.3411, 0.3250



70.7290, 0.3184, 0.3597



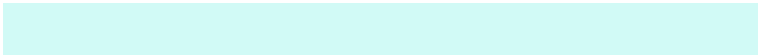
70.7290, 0.2791, 0.3028

Complementary

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



70.7290, 0.3411, 0.3250



88.5885, 0.2900, 0.3331

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.



70.7290, 0.2775, 0.3153



70.7290, 0.3411, 0.3250



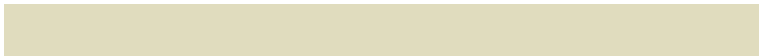
70.7290, 0.2998, 0.3487

Square

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



70.7290, 0.3411, 0.3250



70.7290, 0.3358, 0.3616



70.7290, 0.2849, 0.3322



70.7290, 0.2895, 0.2977

Rectangle

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



70.7290, 0.3411, 0.3250



70.7290, 0.3491, 0.3505



70.7290, 0.2849, 0.3322



70.7290, 0.2776, 0.3062

Sweetspot

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



70.7322, 0.3411, 0.3250



91.4133, 0.3203, 0.3278



72.0832, 0.3117, 0.2879



19.3178, 0.3215, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

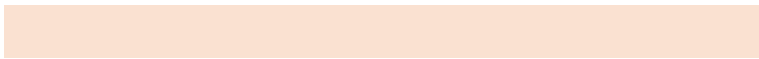
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7322, 0.3411, 0.3250



69.0453, 0.3489, 0.3241



78.9999, 0.3413, 0.3458



17.2524, 0.3279, 0.3267



10.8249, 0.6292, 0.3240



1.0114, 0.6075, 0.3120

Inverse Universe

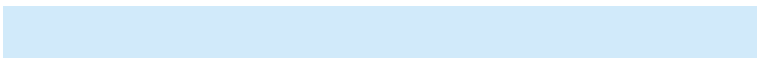
The Inverse Universe completely reimagines the original color for something new.



70.7322, 0.3411, 0.3250



69.0453, 0.3489, 0.3241



79.0810, 0.2871, 0.3116



17.2524, 0.3279, 0.3267



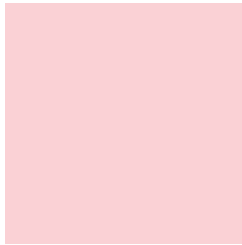
10.8249, 0.6292, 0.3240



1.0114, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 70.7290, 0.3411, 0.3250 looks on a white background.

Color Contrast Check

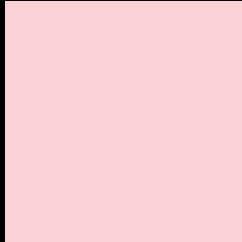
Large Text (above 18pt) WCAG AA × Fail

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 70.7290, 0.3411, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

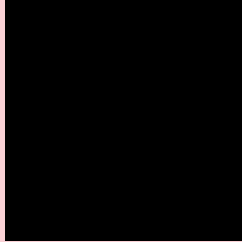
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.7290, 0.3411, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 70.7290, 0.3411, 0.3250.

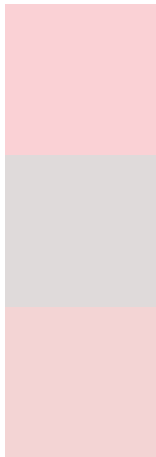


This preview shows how white text looks on a background with the Yxy color 70.7290, 0.3411, 0.3250.

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

70.7290, 0.3411, 0.3250

Protanopia

70.8927, 0.3163, 0.3290

Deuteranopia

70.8951, 0.3360, 0.3291



Tritanopia

70.4626, 0.3347, 0.3127

Trichromacy



Original Color

70.7290, 0.3411, 0.3250

Protanomaly

70.8824, 0.3253, 0.3280

Deuteranomaly

70.9348, 0.3384, 0.3280

Tritanomaly

70.7355, 0.3375, 0.3178

Monochromacy



Original Color

70.7290, 0.3411, 0.3250

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.8960, 0.3223, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7290, 0.3411, 0.3250 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(250, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 213)  
}
```

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(250, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 213) }
```

Border

The CSS property to change the border of an element to Yxy 70.7290, 0.3411, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

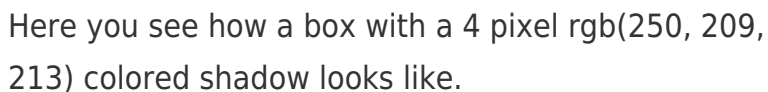
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 209, 213) }
```

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

```
.border{ border-color:rgb(250, 209, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(250, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
213) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.7290, 0.3411, 0.3250$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 213) }
```

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

```
.background{ background-color: rgb(250,  
209, 213) }
```

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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