

Converting Colors

$Y_{xy}(70.9758, 0.3555, 0.3640)$

Have a look what the booklet for
Yxy(70.9758, 0.3555, 0.3640)
contains.

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Color

Yxy(70.7205, 0.3551, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	F1D7B7
RGB	241, 215, 183
RGB Percent	95%, 84%, 72%
CMY	0.0549, 0.1568, 0.2823
CMYK	0.00, 0.11, 0.24, 0.05
HSL	33°, 67%, 83%
HSV	33°, 24%, 95%
XYZ	69.1243, 70.7205, 54.8167
YIQ	219.1260, 25.7680, -4.4400

Conversions

Conversions Part 2

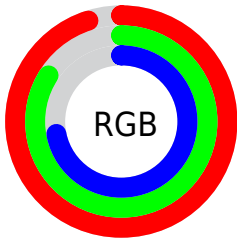
Format	Color
RYB	230, 241, 183
Decimal	15849399
CIELab	87.35, 4.17, 19.08
CIELCh	87, 19.535, 77.667
Yxy	70.7205, 0.3551, 0.3633
Android (android.graphics.Color)	4294039479 (0xFFFF1D7B7)
YUV	219.1260, -17.8101, 19.1835
Hunter-Lab	84.0955, -0.4448, 20.2193

Details

The Yxy color **70.7205, 0.3551, 0.3633** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.0278, 0.2741, 0.2921**, and the grayscale version is **71.0455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **36.9437, 0.3650, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **64.4821, 0.3764, 0.3782**, and if you desaturate by 10%, it is **77.5006, 0.3360, 0.3486**.

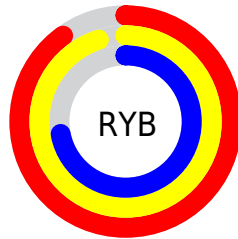
Distribution



Red (95%)

Green (84%)

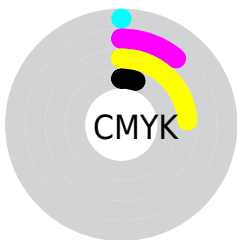
Blue (72%)



Red (90%)

Yellow (95%)

Blue (72%)

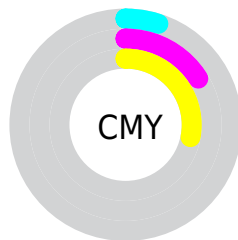


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (5%)



Cyan (5%)


Magenta (16%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.7205, 0.3551, 0.3633 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 70.7205, 0.3551, 0.3633 by changing the saturation by 10% instead.

 70.7205, 0.3551,
0.3633

 70.7205, 0.3551,
0.3633


463.0758, 0.3353,
0.3476

 52.1141, 0.3596,
0.3668


 120.2357, 0.3482,
0.3579

 37.0961, 0.3652,
0.3712


151.9133, 0.3456,
0.3558

 25.2819, 0.3723,
0.3766


188.7167, 0.3433,
0.3539

 16.2872, 0.3816,
0.3836

231.0304, 0.3413,
0.3523

 9.7276, 0.3941,
0.3929

279.2388, 0.3395,
0.3509

 5.2187, 0.4120,
0.4056

333.7262, 0.3380,

 2.3762, 0.4399,

0.3497

0.4248

394.8771, 0.3366,
0.3486

0.8136, 0.5184,
0.4816

0.0000, 0.0000,
0.0000

70.7205, 0.3551,
0.3633

70.7205, 0.3551,
0.3633

64.4821, 0.3764,
0.3782

77.5006, 0.3360,
0.3486

58.7600, 0.3997,
0.3928

84.8277, 0.3190,
0.3345

53.5407, 0.4245,
0.4060

92.6985, 0.3043,
0.3215

48.8064, 0.4501,
0.4169

97.4405, 0.3041,
0.3290

■ 44.5376, 0.4751,
0.4240

■ 40.7127, 0.4981,
0.4263

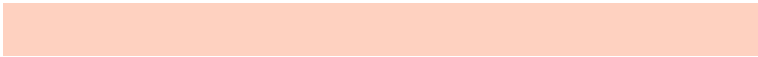
■ 37.3066, 0.5177,
0.4231

■ 35.4627, 0.5278,
0.4191

Harmonies

Analogous

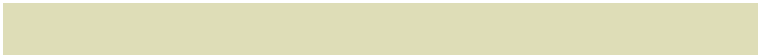
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7205, 0.3599, 0.3470



70.7205, 0.3551, 0.3633



70.7205, 0.3388, 0.3711

Triad

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



70.7205, 0.3551, 0.3633



70.7205, 0.2753, 0.3292



70.7205, 0.3082, 0.2946

Complementary

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



70.7205, 0.3551, 0.3633



62.0278, 0.2741, 0.2921

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.



70.7205, 0.2862, 0.2894



70.7205, 0.3551, 0.3633



70.7205, 0.2678, 0.3082

Square

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



70.7205, 0.3551, 0.3633



70.7205, 0.2927, 0.3512



70.7205, 0.2716, 0.2940



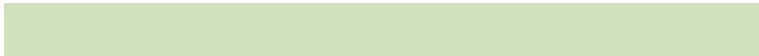
70.7205, 0.3322, 0.3082

Rectangle

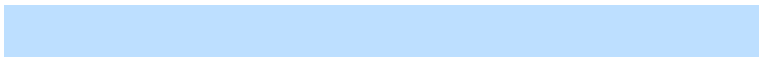
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7205, 0.3551, 0.3633



70.7205, 0.3238, 0.3696



70.7205, 0.2716, 0.2940



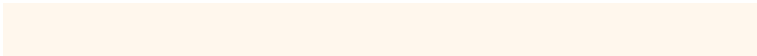
70.7205, 0.3003, 0.2918

Sweetspot

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



70.7237, 0.3551, 0.3633



93.9031, 0.3238, 0.3386



57.1845, 0.3408, 0.3011



19.9898, 0.3248, 0.3394



0.0000, 0.0000, 0.0000



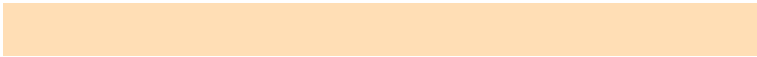
21.4041, 0.3127, 0.3290

Same Dimension

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



70.7237, 0.3551, 0.3633



76.7592, 0.3655, 0.3708



84.5238, 0.3470, 0.3896



17.2047, 0.3279, 0.3420



19.5043, 0.5255, 0.4209



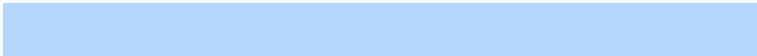
1.8209, 0.5077, 0.4351

Inverse Universe

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



62.0278, 0.2741, 0.2921



65.2461, 0.2657, 0.2831



50.6547, 0.2736, 0.2612



16.3956, 0.2980, 0.3156



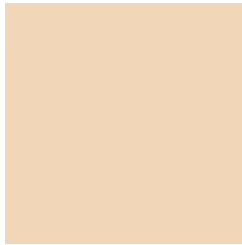
9.5258, 0.1725, 0.1411



0.9882, 0.1795, 0.1663

Previews

White Background



This preview shows how the Yxy color 70.7205, 0.3551, 0.3633 looks on a white background.

Color Contrast Check

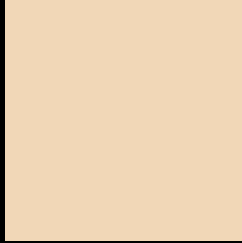
Large Text (above 18pt) WCAG AA × Fail

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 70.7205, 0.3551, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

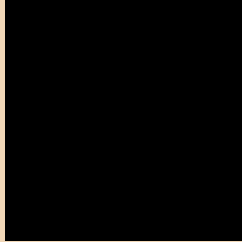
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.7205, 0.3551, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 70.7205, 0.3551, 0.3633.



This preview shows how white text looks on a background with the Yxy color 70.7205, 0.3551, 0.3633.

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

70.7205, 0.3551, 0.3633

Protanopia

70.6345, 0.3453, 0.3652

Deuteranopia

70.7447, 0.3640, 0.3572



Tritanopia

70.6300, 0.3292, 0.3126

Trichromacy



Original Color

70.7205, 0.3551, 0.3633

Protanomaly

70.7486, 0.3493, 0.3649

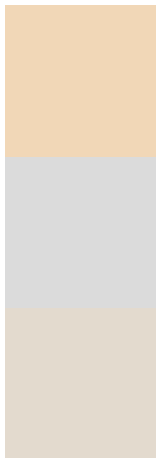
Deuteranomaly

70.5041, 0.3606, 0.3586

Tritanomaly

70.4748, 0.3384, 0.3301

Monochromacy



Original Color

70.7205, 0.3551, 0.3633

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9299, 0.3275, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7205, 0.3551, 0.3633 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(241, 215, 183)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 183)  
}
```

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(241, 215, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 183) }
```

Border

The CSS property to change the border of an element to Yxy 70.7205, 0.3551, 0.3633 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(241, 215, 183) }
```

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

```
.border{ border-color:rgb(241, 215, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 215, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 215, 183); box-shadow:4px 4px 4px 4px rgb(241, 215, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7205, 0.3551, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 183) }
```

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

```
.background{ background-color: rgb(241,  
215, 183) }
```

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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