

Converting Colors

$Y_{xy}(74.7020, 0.3722, 0.3327)$

Have a look what the booklet for
Yxy(74.7020, 0.3722, 0.3327)
contains.

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Color

Yxy(69.7144, 0.3531, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	FFCECB
RGB	255, 206, 203
RGB Percent	100%, 81%, 80%
CMY	0.0000, 0.1922, 0.2040
CMYK	0.00, 0.19, 0.20, 0.00
HSL	3°, 100%, 90%
HSV	3°, 20%, 100%
XYZ	74.1004, 69.7144, 66.0419
YIQ	220.3090, 30.1670, 9.4550

Conversions

Conversions Part 2

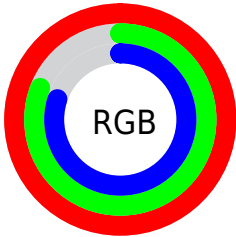
Format	Color
R _Y B	255, 206, 203
Decimal	16764619
CIE _{Lab}	86.86, 16.84, 8.04
CIE _{LCh}	87, 18.658, 25.532
Y _{xy}	69.7144, 0.3531, 0.3322
Android (android.graphics.Color)	4294954699 (0xFFFFCECB)
YUV	220.3090, -8.5333, 30.4240
Hunter-Lab	83.4951, 12.2989, 11.5502

Details

The Yxy color **69.7144, 0.3531, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.5329, 0.2819, 0.3258**, and the grayscale version is **71.8366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6322, 0.3632, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **57.8952, 0.3803, 0.3339**, and if you desaturate by 10%, it is **83.4927, 0.3311, 0.3306**.

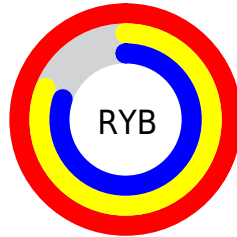
Distribution



Red (100%)

Green (81%)

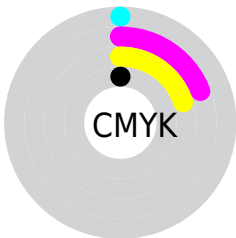
Blue (80%)



Red (100%)

Yellow (81%)

Blue (80%)

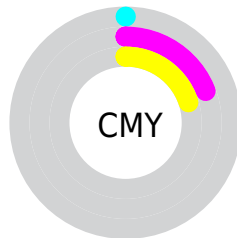


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7144, 0.3531, 0.3322 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 69.7144, 0.3531, 0.3322 by changing the saturation by 10% instead.


 69.7144, 0.3531,
0.3322

 69.7144, 0.3531,
0.3322


459.5466, 0.3341,
0.3310

 51.2937, 0.3575,
0.3324


118.8014, 0.3465,
0.3318

 36.4424, 0.3630,
0.3326


150.2365, 0.3439,
0.3317

 24.7761, 0.3700,
0.3328


186.7785, 0.3417,
0.3315

 15.9103, 0.3793,
0.3330

228.8119, 0.3398,
0.3314

 9.4607, 0.3921,
0.3331

276.7210, 0.3381,
0.3313

 5.0429, 0.4108,
0.3327


330.8902, 0.3366,


 2.2724, 0.4410,

0.3312

0.3312

391.7039, 0.3353,
0.3311

 0.7591, 0.5328,
0.3465


 0.0000, 1.0000,
0.0000

 69.7144, 0.3531,
0.3322

 69.7144, 0.3531,
0.3322

 57.8952, 0.3803,
0.3339


 83.4927, 0.3311,
0.3306

 47.9590, 0.4137,
0.3356

99.3278, 0.3133,
0.3291

 39.8044, 0.4534,
0.3370

100.0000, 0.3127,
0.3290

 33.3260, 0.4984,
0.3379

■ 28.4073, 0.5453,
0.3379

■ 24.9169, 0.5884,
0.3368

■ 22.7016, 0.6204,
0.3346

■ 21.5940, 0.6372,
0.3323

Harmonies

Analogous

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



69.7144, 0.3369, 0.3134



69.7144, 0.3531, 0.3322



69.7144, 0.3580, 0.3510

Triad

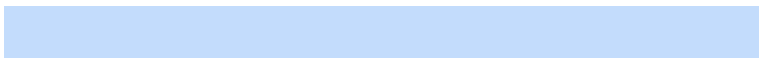
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7144, 0.3531, 0.3322



69.7144, 0.3097, 0.3622



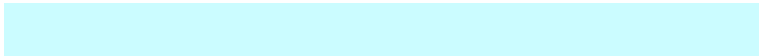
69.7144, 0.2760, 0.2933

Complementary

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



69.7144, 0.3531, 0.3322



89.5329, 0.2819, 0.3258

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.



69.7144, 0.2694, 0.3047



69.7144, 0.3531, 0.3322



69.7144, 0.2884, 0.3451

Square

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



69.7144, 0.3531, 0.3322



69.7144, 0.3324, 0.3694



69.7144, 0.2739, 0.3236



69.7144, 0.2923, 0.2913

Rectangle

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



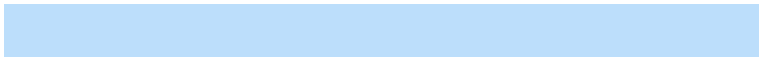
69.7144, 0.3531, 0.3322



69.7144, 0.3541, 0.3611



69.7144, 0.2739, 0.3236



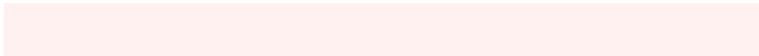
69.7144, 0.2726, 0.2961

Sweetspot

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



69.7099, 0.3531, 0.3322



90.1979, 0.3228, 0.3299



71.0196, 0.3169, 0.2805



19.0874, 0.3240, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

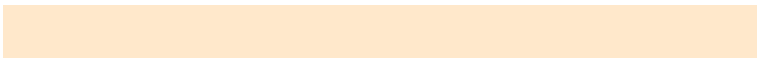
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7099, 0.3531, 0.3322



65.2308, 0.3622, 0.3328



83.0563, 0.3480, 0.3579



18.1553, 0.3293, 0.3304



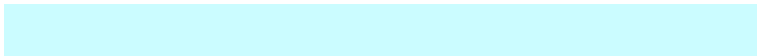
11.3492, 0.6361, 0.3331



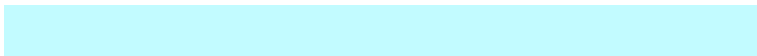
1.1616, 0.6268, 0.3405

Inverse Universe

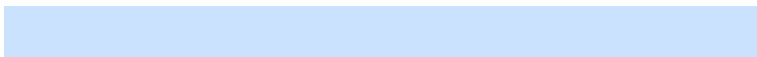
The Inverse Universe completely reimagines the original color for something new.



89.5329, 0.2819, 0.3258



87.9482, 0.2769, 0.3252



74.5215, 0.2801, 0.2983



20.2910, 0.2980, 0.3276



36.4973, 0.2197, 0.3109



3.6062, 0.2203, 0.3130

Previews

White Background



This preview shows how the Yxy color 69.7144, 0.3531, 0.3322 looks on a white background.

Color Contrast Check

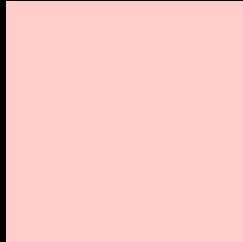
Large Text (above 18pt) WCAG AA × Fail

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 69.7144, 0.3531, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

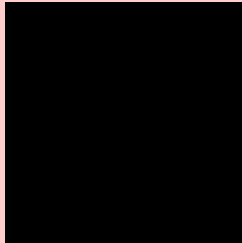
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7144, 0.3531, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 69.7144, 0.3531, 0.3322.

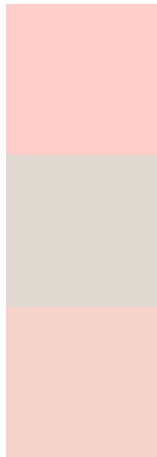


This preview shows how white text looks on a background with the Yxy color 69.7144, 0.3531, 0.3322.

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

69.7144, 0.3531, 0.3322

Protanopia

70.0765, 0.3233, 0.3378

Deuteranopia

69.7699, 0.3452, 0.3375



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.7144, 0.3531, 0.3322

Protanomaly

69.7557, 0.3334, 0.3355

Deuteranomaly

70.0049, 0.3485, 0.3364

Tritanomaly

69.7267, 0.3456, 0.3209

Monochromacy



Original Color

69.7144, 0.3531, 0.3322

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7796, 0.3267, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7144, 0.3531, 0.3322 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(255, 206, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 203)  
}
```

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(255, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 203) }
```

Border

The CSS property to change the border of an element to Yxy 69.7144, 0.3531, 0.3322 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(255, 206, 203) }
```

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

```
.border{ border-color:rgb(255, 206, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7144, 0.3531, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 203) }
```

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

```
.background{ background-color: rgb(255,  
206, 203) }
```

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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