

Converting Colors

$Y_{xy}(78.0266, 0.3712, 0.3268)$

Have a look what the booklet for
Yxy(78.0266, 0.3712, 0.3268)
contains.

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Color

Yxy(71.5641, 0.3464, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D3
RGB	255, 209, 211
RGB Percent	100%, 82%, 83%
CMY	0.0001, 0.1803, 0.1726
CMYK	0.00, 0.18, 0.17, 0.00
HSL	357°, 100%, 91%
HSV	357°, 18%, 100%
XYZ	75.7866, 71.5641, 71.4328
YIQ	222.9820, 26.7740, 10.3740

Conversions

Conversions Part 2

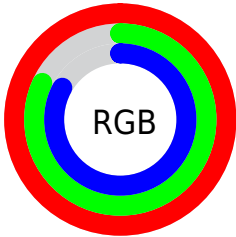
Format	Color
R _Y B	255, 209, 211
Decimal	16765395
CIE Lab	87.76, 16.41, 5.11
CIE LCh	88, 17.190, 17.293
Yxy	71.5641, 0.3464, 0.3271
Android (android.graphics.Color)	4294955475 (0xFFFFD1D3)
YUV	222.9820, -5.9071, 28.0798
Hunter-Lab	84.5956, 11.8705, 9.1522

Details

The Yxy color **71.5641, 0.3464, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.1489, 0.2865, 0.3309**, and the grayscale version is **73.8063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5513, 0.3545, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **58.9071, 0.3718, 0.3260**, and if you desaturate by 10%, it is **86.4155, 0.3260, 0.3282**.

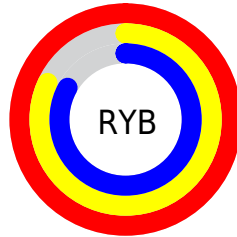
Distribution



Red (100%)

Green (82%)

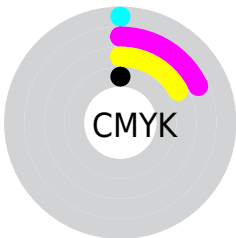
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

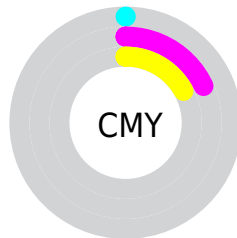


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5641, 0.3464, 0.3271 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 71.5641, 0.3464, 0.3271 by changing the saturation by 10% instead.

 71.5641, 0.3464,
0.3271

 71.5641, 0.3464,
0.3271


466.0230, 0.3307,
0.3282

 52.8027, 0.3500,
0.3268

121.4366, 0.3409,
0.3275

 37.6453, 0.3545,
0.3264


153.3164, 0.3388,
0.3277

 25.7075, 0.3603,
0.3259


190.3379, 0.3370,
0.3278

 16.6049, 0.3678,
0.3252

232.8853, 0.3354,
0.3279

 9.9532, 0.3782,
0.3241

281.3432, 0.3340,
0.3280

 5.3680, 0.3934,
0.3223

336.0958, 0.3327,

 2.4647, 0.4176,

0.3280

0.3189

397.5276, 0.3316,
0.3281

0.8589, 0.4703,
0.3167

0.0000, 1.0000,
0.0000

71.5641, 0.3464,
0.3271

71.5641, 0.3464,
0.3271

58.9071, 0.3718,
0.3260

86.4155, 0.3260,
0.3282

48.3314, 0.4033,
0.3249

99.9935, 0.3127,
0.3290

39.7285, 0.4414,
0.3240

32.9763, 0.4854,
0.3235

■ 27.9389, 0.5328,
0.3235

■ 24.4621, 0.5780,
0.3244

■ 22.3639, 0.6138,
0.3261

■ 21.3996, 0.6345,
0.3282

■ 21.2773, 0.6371,
0.3283

Harmonies

Analogous

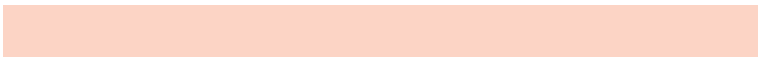
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5641, 0.3296, 0.3105



71.5641, 0.3464, 0.3271



71.5641, 0.3540, 0.3447

Triad

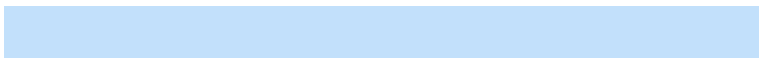
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5641, 0.3464, 0.3271



71.5641, 0.3158, 0.3621



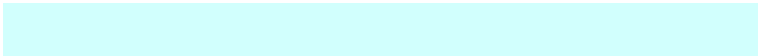
71.5641, 0.2765, 0.2984

Complementary

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



71.5641, 0.3464, 0.3271



92.1489, 0.2865, 0.3309

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.



71.5641, 0.2732, 0.3111



71.5641, 0.3464, 0.3271



71.5641, 0.2954, 0.3486

Square

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



71.5641, 0.3464, 0.3271



71.5641, 0.3359, 0.3658



71.5641, 0.2800, 0.3295



71.5641, 0.2892, 0.2941

Rectangle

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



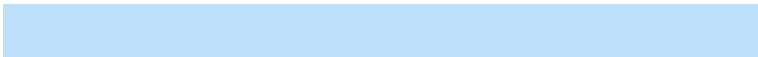
71.5641, 0.3464, 0.3271



71.5641, 0.3526, 0.3549



71.5641, 0.2800, 0.3295



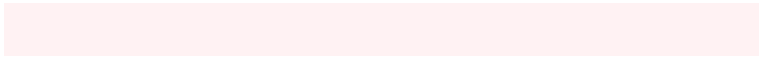
71.5641, 0.2743, 0.3018

Sweetspot

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



71.5673, 0.3464, 0.3271



91.3718, 0.3207, 0.3285



73.6500, 0.3132, 0.2839



19.3077, 0.3219, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

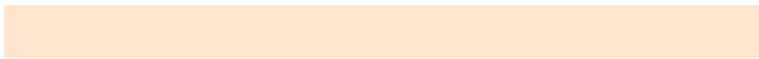
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5673, 0.3464, 0.3271



66.2916, 0.3559, 0.3267



82.2829, 0.3442, 0.3499



17.9996, 0.3288, 0.3280



11.1267, 0.6358, 0.3276



1.0876, 0.6257, 0.3220

Inverse Universe

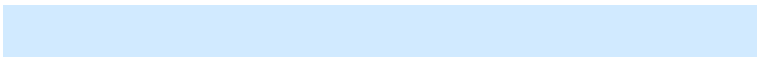
The Inverse Universe completely reimagines the original color for something new.



71.5673, 0.3464, 0.3271



66.2916, 0.3559, 0.3267



79.7878, 0.2843, 0.3072



17.9996, 0.3288, 0.3280



11.1267, 0.6358, 0.3276



1.0876, 0.6257, 0.3220

Previews

White Background



This preview shows how the Yxy color 71.5641, 0.3464, 0.3271 looks on a white background.

Color Contrast Check

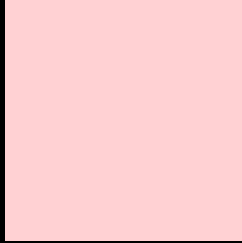
Large Text (above 18pt) WCAG AA × Fail

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 71.5641, 0.3464, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

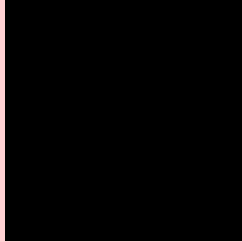
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5641, 0.3464, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 71.5641, 0.3464, 0.3271.



This preview shows how white text looks on a background with the Yxy color 71.5641, 0.3464, 0.3271.

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

71.5641, 0.3464, 0.3271

Protanopia

71.6803, 0.3184, 0.3312

Deuteranopia

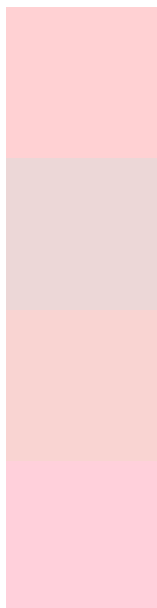
71.6541, 0.3388, 0.3322



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.5641, 0.3464, 0.3271

Protanomaly

71.3400, 0.3282, 0.3290

Deuteranomaly

71.8798, 0.3420, 0.3312

Tritanomaly

71.4862, 0.3406, 0.3179

Monochromacy



Original Color

71.5641, 0.3464, 0.3271

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9194, 0.3244, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5641, 0.3464, 0.3271 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, 209, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 211)  
}
```

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, 209, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 211) }
```

Border

The CSS property to change the border of an element to Yxy 71.5641, 0.3464, 0.3271 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, 209, 211) }
```

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

```
.border{ border-color:rgb(255, 209, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5641, 0.3464, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 211) }
```

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

```
.background{ background-color: rgb(255,  
209, 211) }
```

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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