

Converting Colors

$Y_{xy}(71.1015, 0.3445, 0.3230)$

Have a look what the booklet for
Yxy(71.1015, 0.3445, 0.3230)
contains.

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Color

Yxy(71.2268, 0.3443, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0D6
RGB	255, 208, 214
RGB Percent	100%, 82%, 84%
CMY	0.0001, 0.1842, 0.1608
CMYK	0.00, 0.18, 0.16, 0.00
HSL	352°, 100%, 91%
HSV	352°, 18%, 100%
XYZ	75.9238, 71.2268, 73.3658
YIQ	222.7370, 26.0860, 11.8300

Conversions

Conversions Part 2

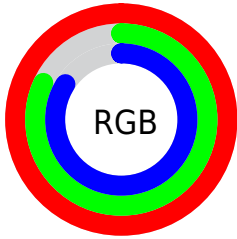
Format	Color
R _Y B	255, 208, 214
Decimal	16765142
CIE Lab	87.60, 17.40, 3.27
CIE LCh	88, 17.702, 10.661
Yxy	71.2268, 0.3443, 0.3230
Android (android.graphics.Color)	4294955222 (0xFFFFD0D6)
YUV	222.7370, -4.3073, 28.2947
Hunter-Lab	84.3960, 12.8882, 7.5361

Details

The Yxy color **71.2268, 0.3443, 0.3230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.7488, 0.2881, 0.3351**, and the grayscale version is **73.6130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2914, 0.3527, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **58.7190, 0.3676, 0.3195**, and if you desaturate by 10%, it is **85.8947, 0.3256, 0.3264**.

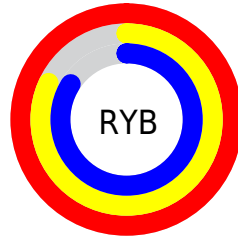
Distribution



Red (100%)

Green (82%)

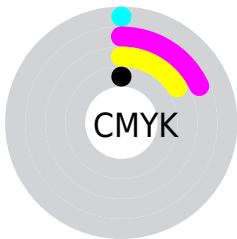
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

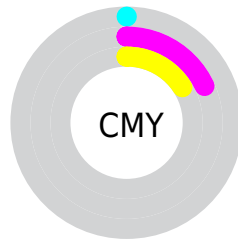


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2268, 0.3443, 0.3230 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 71.2268, 0.3443, 0.3230 by changing the saturation by 10% instead.


 71.2268, 0.3443,
0.3230

 71.2268, 0.3443,
0.3230


464.8459, 0.3296,
0.3259

 52.5273, 0.3477,
0.3223

120.9566, 0.3392,
0.3240

 37.4256, 0.3519,
0.3214


152.7557, 0.3372,
0.3244

 25.5371, 0.3573,
0.3203


189.6901, 0.3355,
0.3248

 16.4777, 0.3644,
0.3187

232.1443, 0.3340,
0.3251

 9.8628, 0.3741,
0.3166

280.5025, 0.3327,
0.3253

 5.3081, 0.3883,
0.3133

335.1493, 0.3315,

 2.4291, 0.4110,

0.3255

0.3077

396.4689, 0.3305,
0.3257

0.8408, 0.4568,
0.2990

0.0000, 1.0000,
0.0000

71.2268, 0.3443,
0.3230

71.2268, 0.3443,
0.3230

58.7190, 0.3676,
0.3195

85.8947, 0.3256,
0.3264

48.2601, 0.3963,
0.3161

99.9933, 0.3127,
0.3290

39.7436, 0.4309,
0.3131

33.0495, 0.4713,
0.3110

■ 28.0443, 0.5155,
0.3104

■ 24.5765, 0.5595,
0.3121

■ 22.4673, 0.5974,
0.3162

■ 21.4687, 0.6237,
0.3220

■ 21.3603, 0.6269,
0.3227

Harmonies

Analogous

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



71.2268, 0.3254, 0.3067



71.2268, 0.3443, 0.3230



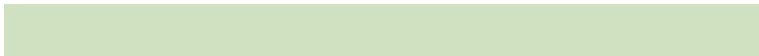
71.2268, 0.3545, 0.3413

Triad

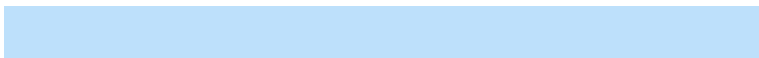
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2268, 0.3443, 0.3230



71.2268, 0.3207, 0.3650



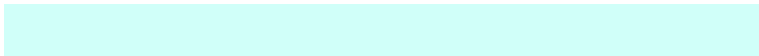
71.2268, 0.2737, 0.2996

Complementary

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



71.2268, 0.3443, 0.3230



91.7488, 0.2881, 0.3351

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.



71.2268, 0.2726, 0.3144



71.2268, 0.3443, 0.3230



71.2268, 0.2993, 0.3530

Square

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



71.2268, 0.3443, 0.3230



71.2268, 0.3405, 0.3663



71.2268, 0.2818, 0.3341



71.2268, 0.2849, 0.2932

Rectangle

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



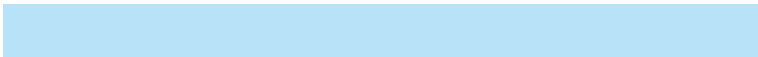
71.2268, 0.3443, 0.3230



71.2268, 0.3549, 0.3525



71.2268, 0.2818, 0.3341



71.2268, 0.2722, 0.3037

Sweetspot

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



71.2300, 0.3443, 0.3230



89.7935, 0.3216, 0.3271



72.4249, 0.3104, 0.2825



18.9923, 0.3227, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

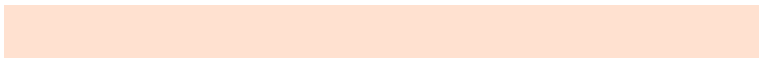
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2300, 0.3443, 0.3230



66.5195, 0.3521, 0.3218



79.7849, 0.3457, 0.3465



18.0247, 0.3274, 0.3260



11.1763, 0.6242, 0.3212



1.0994, 0.5994, 0.3076

Inverse Universe

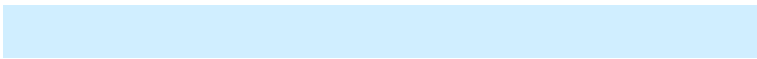
The Inverse Universe completely reimagines the original color for something new.



71.2300, 0.3443, 0.3230



66.5195, 0.3521, 0.3218



81.6351, 0.2839, 0.3109



18.0247, 0.3274, 0.3260



11.1763, 0.6242, 0.3212



1.0994, 0.5994, 0.3076

Previews

White Background



This preview shows how the Yxy color 71.2268, 0.3443, 0.3230 looks on a white background.

Color Contrast Check

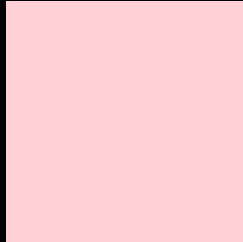
Large Text (above 18pt) WCAG AA × Fail

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 71.2268, 0.3443, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

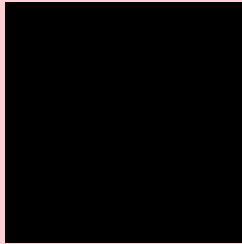
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2268, 0.3443, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 71.2268, 0.3443, 0.3230.

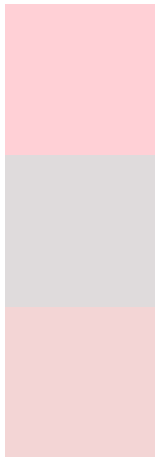


This preview shows how white text looks on a background with the Yxy color 71.2268, 0.3443, 0.3230.

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

71.2268, 0.3443, 0.3230

Protanopia

71.5183, 0.3149, 0.3279

Deuteranopia

71.4473, 0.3351, 0.3291



Tritanopia

71.2134, 0.3378, 0.3129

Trichromacy



Original Color

71.2268, 0.3443, 0.3230

Protanomaly

71.3250, 0.3254, 0.3259

Deuteranomaly

71.1668, 0.3385, 0.3270

Tritanomaly

71.0530, 0.3400, 0.3159

Monochromacy



Original Color

71.2268, 0.3443, 0.3230

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9723, 0.3237, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2268, 0.3443, 0.3230 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, 208, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 214)  
}
```

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, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.2268, 0.3443, 0.3230 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, 208, 214) }
```

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

```
.border{ border-color:rgb(255, 208, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2268, 0.3443, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 214) }
```

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

```
.background{ background-color: rgb(255,  
208, 214) }
```

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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