

Converting Colors

$Yxy(72.4704, 0.3425, 0.3233)$

Have a look what the booklet for
Yxy(72.4704, 0.3425, 0.3233)
contains.

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Color

Yxy(72.3111, 0.3425, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D8
RGB	255, 210, 216
RGB Percent	100%, 82%, 85%
CMY	0.0001, 0.1764, 0.1529
CMYK	0.00, 0.18, 0.15, 0.00
HSL	352°, 100%, 91%
HSV	352°, 18%, 100%
XYZ	76.6766, 72.3111, 74.8856
YIQ	224.1390, 24.8940, 11.4060

Conversions

Conversions Part 2

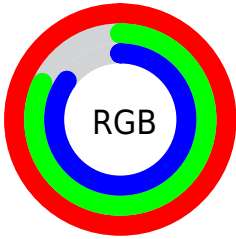
Format	Color
R _Y B	255, 210, 216
Decimal	16765656
CIE Lab	88.12, 16.67, 2.97
CIE LCh	88, 16.934, 10.115
Yxy	72.3111, 0.3425, 0.3230
Android (android.graphics.Color)	4294955736 (0xFFFFD2D8)
YUV	224.1390, -4.0125, 27.0651
Hunter-Lab	85.0359, 12.1400, 7.3123

Details

The Yxy color **72.3111, 0.3425, 0.3230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.0507, 0.2892, 0.3351**, and the grayscale version is **74.6629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0217, 0.3502, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **59.6427, 0.3652, 0.3194**, and if you desaturate by 10%, it is **87.1456, 0.3242, 0.3265**.

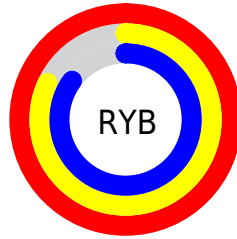
Distribution



Red (100%)

Green (82%)

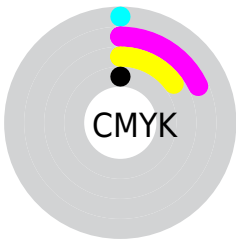
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

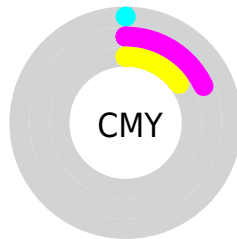


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3111, 0.3425, 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 72.3111, 0.3425, 0.3230 by changing the saturation by 10% instead.

 72.3111, 0.3425,
0.3230

 72.3111, 0.3425,
0.3230


468.6237, 0.3286,
0.3259

 53.4128, 0.3457,
0.3223


122.4987, 0.3377,
0.3240

 38.1324, 0.3496,
0.3215

154.5569, 0.3358,
0.3244

 26.0855, 0.3547,
0.3203

191.7705, 0.3342,
0.3248

 16.8876, 0.3613,
0.3188

234.5239, 0.3328,
0.3250

 10.1544, 0.3703,
0.3167

283.2015, 0.3316,
0.3253

 5.5014, 0.3835,
0.3136

338.1878, 0.3305,

 2.5444, 0.4044,

0.3255

0.3083

399.8670, 0.3295,
0.3257

0.8988, 0.4443,
0.2992

0.0000, 1.0000,
0.0000

72.3111, 0.3425,
0.3230

72.3111, 0.3425,
0.3230

59.6427, 0.3652,
0.3194

87.1456, 0.3242,
0.3265

49.0297, 0.3933,
0.3158

99.9965, 0.3127,
0.3290

40.3665, 0.4272,
0.3125

33.5342, 0.4669,
0.3102

■ 28.4006, 0.5106,
0.3094

■ 24.8160, 0.5547,
0.3109

■ 22.6045, 0.5934,
0.3150

■ 21.5353, 0.6210,
0.3209

■ 21.3720, 0.6259,
0.3221

Harmonies

Analogous

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



72.3111, 0.3245, 0.3075



72.3111, 0.3425, 0.3230



72.3111, 0.3524, 0.3405

Triad

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



72.3111, 0.3425, 0.3230



72.3111, 0.3207, 0.3633



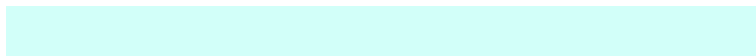
72.3111, 0.2755, 0.3013

Complementary

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



72.3111, 0.3425, 0.3230



92.0507, 0.2892, 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.



72.3111, 0.2746, 0.3154



72.3111, 0.3425, 0.3230



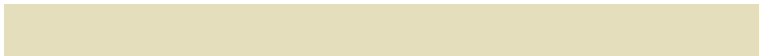
72.3111, 0.3003, 0.3521

Square

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



72.3111, 0.3425, 0.3230



72.3111, 0.3395, 0.3644



72.3111, 0.2835, 0.3342



72.3111, 0.2859, 0.2949

Rectangle

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



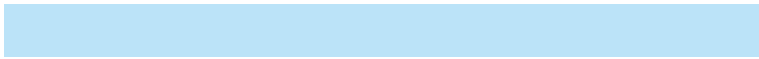
72.3111, 0.3425, 0.3230



72.3111, 0.3529, 0.3511



72.3111, 0.2835, 0.3342



72.3111, 0.2740, 0.3052

Sweetspot

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



72.3144, 0.3425, 0.3230



91.4418, 0.3200, 0.3274



73.4556, 0.3105, 0.2845



19.3247, 0.3211, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

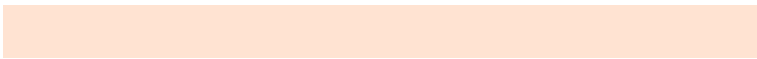
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3144, 0.3425, 0.3230



67.8265, 0.3496, 0.3218



80.5762, 0.3441, 0.3457



18.0265, 0.3273, 0.3259



11.1811, 0.6231, 0.3206



1.1002, 0.5977, 0.3066

Inverse Universe

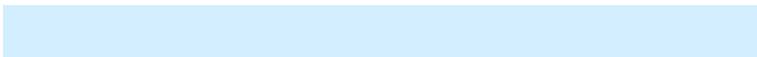
The Inverse Universe completely reimagines the original color for something new.



72.3144, 0.3425, 0.3230



67.8265, 0.3496, 0.3218



82.3590, 0.2852, 0.3117



18.0265, 0.3273, 0.3259



11.1811, 0.6231, 0.3206



1.1002, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 72.3111, 0.3425, 0.3230 looks on a white background.

Color Contrast Check

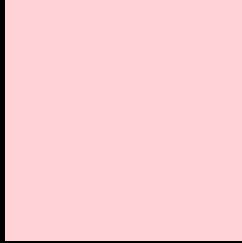
Large Text (above 18pt) WCAG AA × Fail

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 72.3111, 0.3425, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

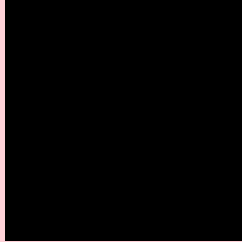
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3111, 0.3425, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 72.3111, 0.3425, 0.3230.



This preview shows how white text looks on a background with the Yxy color 72.3111, 0.3425, 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

72.3111, 0.3425, 0.3230

Protanopia

72.4679, 0.3150, 0.3269

Deuteranopia

72.4119, 0.3351, 0.3280



Tritanopia

72.2972, 0.3360, 0.3129

Trichromacy



Original Color

72.3111, 0.3425, 0.3230

Protanomaly

72.1119, 0.3246, 0.3248

Deuteranomaly

72.6345, 0.3382, 0.3270

Tritanomaly

72.1349, 0.3382, 0.3159

Monochromacy



Original Color

72.3111, 0.3425, 0.3230

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.5457, 0.3229, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3111, 0.3425, 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, 210, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 216)  
}
```

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, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 216) }
```

Border

The CSS property to change the border of an element to Yxy 72.3111, 0.3425, 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, 210, 216) }
```

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

```
.border{ border-color:rgb(255, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3111, 0.3425, 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, 210, 216) }
```

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

```
.background{ background-color: rgb(255,  
210, 216) }
```

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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