

Converting Colors

$Y_{xy}(72.2246, 0.3438, 0.3281)$

Have a look what the booklet for
Yxy(72.2246, 0.3438, 0.3281)
contains.

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Color

Yxy(72.2246, 0.3438, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FDD3D4
RGB	253, 211, 212
RGB Percent	99%, 83%, 83%
CMY	0.0079, 0.1725, 0.1687
CMYK	0.00, 0.17, 0.16, 0.01
HSL	359°, 91%, 91%
HSV	359°, 17%, 99%
XYZ	75.6806, 72.2246, 72.2246
YIQ	223.6720, 24.7110, 9.2150

Conversions

Conversions Part 2

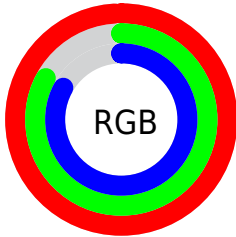
Format	Color
R _Y B	253, 211, 212
Decimal	16634836
CIE Lab	88.08, 14.83, 5.02
CIE LCh	88, 15.652, 18.703
Yxy	72.2246, 0.3438, 0.3281
Android (android.graphics.Color)	4294824916 (0xFFFDD3D4)
YUV	223.6720, -5.7543, 25.7207
Hunter-Lab	84.9851, 10.2334, 9.1019

Details

The Yxy color $72.2246, 0.3438, 0.3281$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.1244, 0.2881, 0.3299$, and the grayscale version is $74.3241, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9470, 0.3519, 0.3278$ is the 20% darker color. If you saturate the color by 10%, you get $59.4771, 0.3690, 0.3275$, and if you desaturate by 10%, it is $87.1478, 0.3237, 0.3287$.

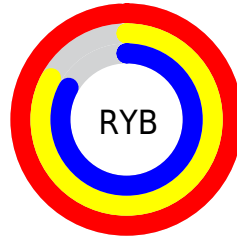
Distribution



Red (99%)

Green (83%)

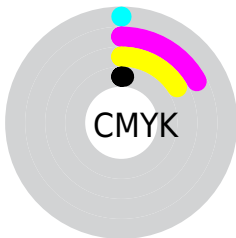
Blue (83%)



Red (99%)

Yellow (83%)

Blue (83%)

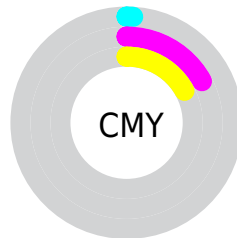


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (1%)



Cyan (1%)


Magenta (17%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2246, 0.3438, 0.3281 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 72.2246, 0.3438, 0.3281 by changing the saturation by 10% instead.

 72.2246, 0.3438,
0.3281

 72.2246, 0.3438,
0.3281

468.3230, 0.3293,
0.3287

 53.3422, 0.3471,
0.3279


122.3758, 0.3387,
0.3283

 38.0760, 0.3513,
0.3277


154.4134, 0.3368,
0.3284

 26.0417, 0.3566,
0.3274


191.6047, 0.3351,
0.3285

 16.8548, 0.3635,
0.3269

234.3344, 0.3336,
0.3285

 10.1310, 0.3730,
0.3262

282.9866, 0.3324,
0.3286

 5.4859, 0.3869,
0.3249

337.9458, 0.3312,

 2.5351, 0.4090,

0.3286

0.3225

399.5965, 0.3302,
0.3287

0.8942, 0.4554,
0.3210

0.0000, 1.0000,
0.0000

72.2246, 0.3438,
0.3281

72.2246, 0.3438,
0.3281

59.4771, 0.3690,
0.3275

87.1478, 0.3237,
0.3287

48.7944, 0.4002,
0.3270

99.6207, 0.3115,
0.3290

40.0710, 0.4381,
0.3265

33.1879, 0.4822,
0.3263

■ 28.0132, 0.5300,
0.3264

■ 24.3977, 0.5760,
0.3269

■ 22.1664, 0.6129,
0.3278

■ 21.1002, 0.6343,
0.3290

■ 20.8935, 0.6384,
0.3291

Harmonies

Analogous

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



72.2246, 0.3289, 0.3128



72.2246, 0.3438, 0.3281



72.2246, 0.3502, 0.3441

Triad

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



72.2246, 0.3438, 0.3281



72.2246, 0.3147, 0.3585



72.2246, 0.2801, 0.3008

Complementary

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



72.2246, 0.3438, 0.3281



91.1244, 0.2881, 0.3299

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.



72.2246, 0.2767, 0.3122



72.2246, 0.3438, 0.3281



72.2246, 0.2962, 0.3460

Square

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



72.2246, 0.3438, 0.3281



72.2246, 0.3330, 0.3624



72.2246, 0.2825, 0.3287



72.2246, 0.2921, 0.2972

Rectangle

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



72.2246, 0.3438, 0.3281



72.2246, 0.3486, 0.3532



72.2246, 0.2825, 0.3287



72.2246, 0.2779, 0.3038

Sweetspot

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



72.2279, 0.3438, 0.3281



91.3567, 0.3209, 0.3287



74.3050, 0.3137, 0.2876



19.3041, 0.3221, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

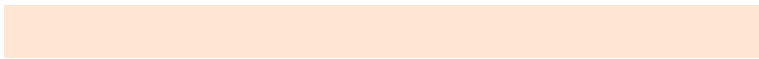
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2279, 0.3438, 0.3281



68.8619, 0.3518, 0.3279



82.5136, 0.3413, 0.3488



17.9939, 0.3291, 0.3285



11.1185, 0.6377, 0.3287



1.0848, 0.6322, 0.3256

Inverse Universe

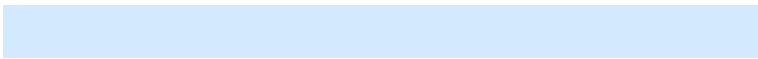
The Inverse Universe completely reimagines the original color for something new.



72.2279, 0.3438, 0.3281



68.8619, 0.3518, 0.3279



79.4466, 0.2866, 0.3083



17.9939, 0.3291, 0.3285



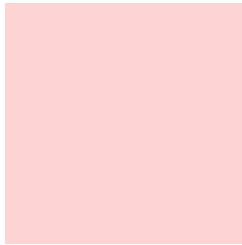
11.1185, 0.6377, 0.3287



1.0848, 0.6322, 0.3256

Previews

White Background



This preview shows how the Yxy color 72.2246, 0.3438, 0.3281 looks on a white background.

Color Contrast Check

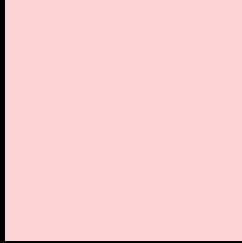
Large Text (above 18pt) WCAG AA × Fail

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 72.2246, 0.3438, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

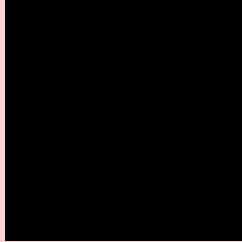
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2246, 0.3438, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 72.2246, 0.3438, 0.3281.

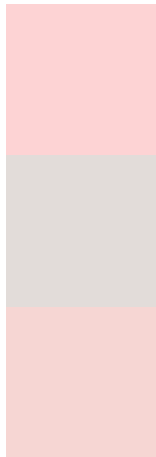


This preview shows how white text looks on a background with the Yxy color 72.2246, 0.3438, 0.3281.

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

72.2246, 0.3438, 0.3281

Protanopia

72.3649, 0.3190, 0.3323

Deuteranopia

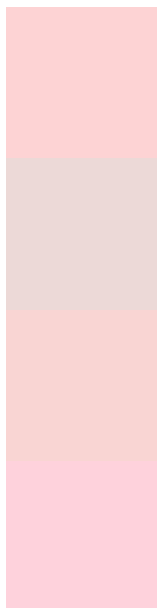
72.3891, 0.3387, 0.3322



Tritanopia

72.2972, 0.3360, 0.3129

Trichromacy



Original Color

72.2246, 0.3438, 0.3281

Protanomaly

72.3649, 0.3280, 0.3312

Deuteranomaly

72.4314, 0.3412, 0.3312

Tritanomaly

72.3313, 0.3388, 0.3189

Monochromacy



Original Color

72.2246, 0.3438, 0.3281

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4925, 0.3236, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2246, 0.3438, 0.3281 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(253, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 212)  
}
```

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(253, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 212) }
```

Border

The CSS property to change the border of an element to Yxy 72.2246, 0.3438, 0.3281 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(253, 211, 212) }
```

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

```
.border{ border-color:rgb(253, 211, 212) }
```

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

Here you see how a box with a 4 pixel rgb(253, 211, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2246, 0.3438, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 212) }
```

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

```
.background{ background-color: rgb(253,  
211, 212) }
```

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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