

Converting Colors

$Y_{xy}(72.0797, 0.3365, 0.3312)$

Have a look what the booklet for
Yxy(72.0797, 0.3365, 0.3312)
contains.

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Color

Yxy(72.0797, 0.3365, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	F4D6D4
RGB	244, 214, 212
RGB Percent	96%, 84%, 83%
CMY	0.0432, 0.1607, 0.1687
CMYK	0.00, 0.12, 0.13, 0.04
HSL	4°, 59%, 89%
HSV	4°, 13%, 96%
XYZ	73.2331, 72.0797, 72.3191
YIQ	222.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

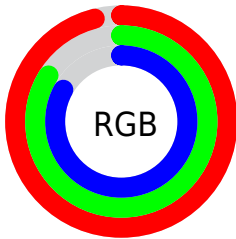
Format	Color
R _Y B	244, 214, 212
Decimal	16045780
CIE Lab	88.01, 10.08, 4.82
CIE LCh	88, 11.170, 25.580
Yxy	72.0797, 0.3365, 0.3312
Android (android.graphics.Color)	4294235860 (0xFFFF4D6D4)
YUV	222.7420, -5.2958, 18.6433
Hunter-Lab	84.8998, 5.3966, 8.9256

Details

The Yxy color $72.0797, 0.3365, 0.3312$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.9985, 0.2926, 0.3268$, and the grayscale version is $73.6279, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9220, 0.3432, 0.3318$ is the 20% darker color. If you saturate the color by 10%, you get $60.1794, 0.3597, 0.3330$, and if you desaturate by 10%, it is $85.7938, 0.3178, 0.3295$.

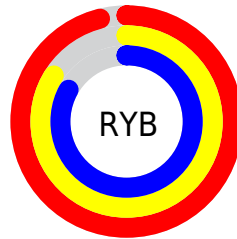
Distribution



Red (96%)

Green (84%)

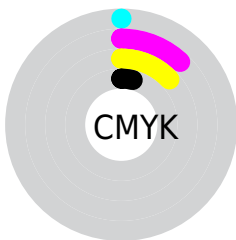
Blue (83%)



Red (96%)

Yellow (84%)

Blue (83%)

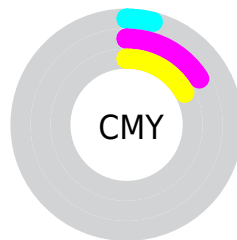


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (4%)



Cyan (4%)


Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0797, 0.3365, 0.3312 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 72.0797, 0.3365, 0.3312 by changing the saturation by 10% instead.

 72.0797, 0.3365,
0.3312

 72.0797, 0.3365,
0.3312

467.8190, 0.3254,
0.3303

 53.2238, 0.3391,
0.3314

122.1698, 0.3326,
0.3309

 37.9814, 0.3422,
0.3316


154.1728, 0.3311,
0.3308

 25.9683, 0.3463,
0.3319

191.3270, 0.3299,
0.3307

 16.7999, 0.3516,
0.3322

234.0167, 0.3287,
0.3306

 10.0919, 0.3589,
0.3325

282.6264, 0.3277,
0.3305

 5.4600, 0.3695,
0.3329

337.5404, 0.3269,

 2.5196, 0.3865,

0.3304

0.3331

399.1431, 0.3261,
0.3304

0.8864, 0.4237,
0.3373

0.0000, 1.0000,
0.0000

72.0797, 0.3365,
0.3312

72.0797, 0.3365,
0.3312

60.1794, 0.3597,
0.3330

85.7938, 0.3178,
0.3295

50.0080, 0.3884,
0.3349

97.9718, 0.3060,
0.3290

41.4879, 0.4232,
0.3367

34.5319, 0.4641,
0.3381

■ 29.0449, 0.5098,
0.3389

■ 24.9214, 0.5561,
0.3386

■ 22.0418, 0.5970,
0.3371

■ 20.2656, 0.6254,
0.3344

■ 19.5896, 0.6366,
0.3327

Harmonies

Analogous

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



72.0797, 0.3271, 0.3197



72.0797, 0.3365, 0.3312



72.0797, 0.3394, 0.3424

Triad

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



72.0797, 0.3365, 0.3312



72.0797, 0.3111, 0.3483



72.0797, 0.2908, 0.3077

Complementary

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



72.0797, 0.3365, 0.3312



83.9985, 0.2926, 0.3268

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.



72.0797, 0.2868, 0.3148



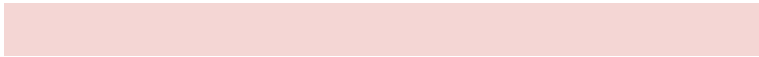
72.0797, 0.3365, 0.3312



72.0797, 0.2983, 0.3385

Square

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



72.0797, 0.3365, 0.3312



72.0797, 0.3245, 0.3527



72.0797, 0.2895, 0.3261



72.0797, 0.3007, 0.3063

Rectangle

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



72.0797, 0.3365, 0.3312



72.0797, 0.3372, 0.3482



72.0797, 0.2895, 0.3261



72.0797, 0.2887, 0.3095

Sweetspot

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



72.0829, 0.3365, 0.3312



93.4181, 0.3193, 0.3296



72.7379, 0.3153, 0.2982



19.7384, 0.3206, 0.3298



0.0000, 0.0000, 0.0000



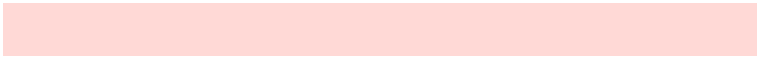
21.4041, 0.3127, 0.3290

Same Dimension

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



72.0829, 0.3365, 0.3312



75.6491, 0.3428, 0.3317



80.3452, 0.3343, 0.3472



16.6521, 0.3292, 0.3306



10.7178, 0.6355, 0.3336



1.0004, 0.6243, 0.3425

Inverse Universe

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



83.9985, 0.2926, 0.3268



91.4171, 0.2883, 0.3263



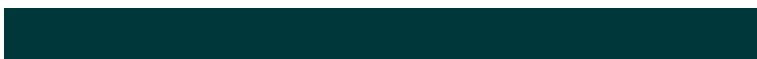
75.1233, 0.2921, 0.3101



18.5661, 0.2981, 0.3274



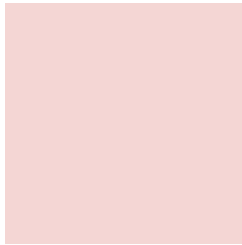
33.9309, 0.2192, 0.3090



3.0359, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 72.0797, 0.3365, 0.3312 looks on a white background.

Color Contrast Check

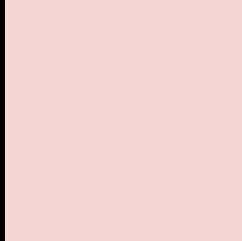
Large Text (above 18pt) WCAG AA × Fail

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 72.0797, 0.3365, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

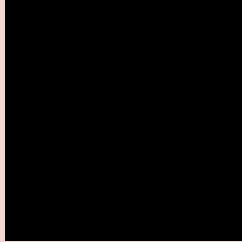
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0797, 0.3365, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 72.0797, 0.3365, 0.3312.

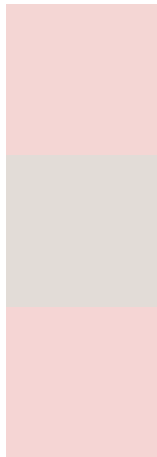


This preview shows how white text looks on a background with the Yxy color 72.0797, 0.3365, 0.3312.

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

72.0797, 0.3365, 0.3312

Protanopia

72.2614, 0.3204, 0.3344

Deuteranopia

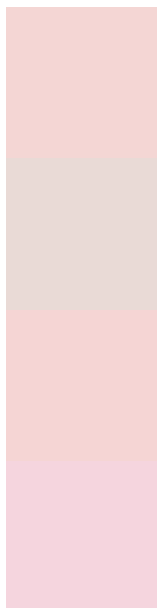
71.7544, 0.3374, 0.3301



Tritanopia

72.2812, 0.3268, 0.3126

Trichromacy



Original Color

72.0797, 0.3365, 0.3312

Protanomaly

72.3215, 0.3264, 0.3333

Deuteranomaly

71.7544, 0.3374, 0.3301

Tritanomaly

72.2749, 0.3302, 0.3198

Monochromacy



Original Color

72.0797, 0.3365, 0.3312

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.2898, 0.3213, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0797, 0.3365, 0.3312 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(244, 214, 212)` looks like.

```
.text, #text, p{  
    color:rgb(244, 214, 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(244, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 214, 212) }
```

Border

The CSS property to change the border of an element to Yxy 72.0797, 0.3365, 0.3312 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(244, 214, 212) }
```

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

```
.border{ border-color:rgb(244, 214, 212) }
```

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

Here you see how a box with a 4 pixel rgb(244, 214, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(244, 214,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0797, 0.3365, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 214, 212) }
```

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

```
.background{ background-color: rgb(244,  
214, 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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