

Converting Colors

$Yxy(72.3186, 0.3331, 0.3271)$

Have a look what the booklet for
Yxy(72.3186, 0.3331, 0.3271)
contains.

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Color

Yxy(72.1057, 0.3329, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F3D6D8
RGB	243, 214, 216
RGB Percent	95%, 84%, 85%
CMY	0.0470, 0.1608, 0.1531
CMYK	0.00, 0.12, 0.11, 0.05
HSL	356°, 55%, 90%
HSV	356°, 12%, 95%
XYZ	73.4067, 72.1057, 74.9943
YIQ	222.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

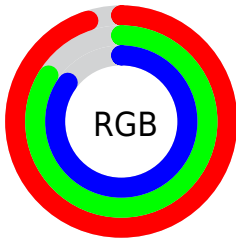
Format	Color
R _Y B	243, 214, 216
Decimal	15980248
CIE Lab	88.02, 10.38, 2.72
CIE LCh	88, 10.733, 14.673
Yxy	72.1057, 0.3329, 0.3270
Android (android.graphics.Color)	4294170328 (0xFFFF3D6D8)
YUV	222.8990, -3.4012, 17.6286
Hunter-Lab	84.9151, 5.7068, 7.0775

Details

The Yxy color $72.1057, 0.3329, 0.3270$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.7670, 0.2955, 0.3310$, and the grayscale version is $73.7348, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9343, 0.3383, 0.3264$ is the 20% darker color. If you saturate the color by 10%, you get $59.6199, 0.3545, 0.3252$, and if you desaturate by 10%, it is $86.5946, 0.3156, 0.3287$.

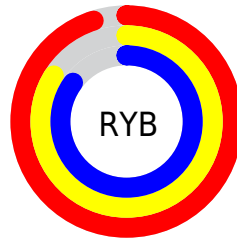
Distribution



Red (95%)

Green (84%)

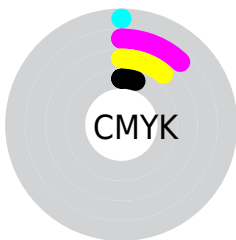
Blue (85%)



Red (95%)

Yellow (84%)

Blue (85%)

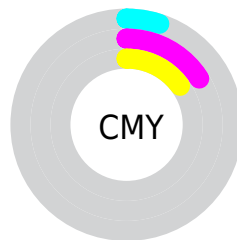


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1057, 0.3329, 0.3270 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 72.1057, 0.3329, 0.3270 by changing the saturation by 10% instead.


 72.1057, 0.3329,
0.3270

 72.1057, 0.3329,
0.3270


467.9094, 0.3235,
0.3280

 53.2450, 0.3351,
0.3268


122.2068, 0.3296,
0.3274

 37.9984, 0.3377,
0.3264


154.2160, 0.3284,
0.3275

 25.9815, 0.3411,
0.3260


191.3769, 0.3273,
0.3276

 16.8098, 0.3456,
0.3255

234.0737, 0.3263,
0.3277

 10.0990, 0.3518,
0.3247

282.6910, 0.3255,
0.3278

 5.4646, 0.3608,
0.3235

337.6131, 0.3248,

 2.5224, 0.3751,

0.3279

0.3214

399.2245, 0.3241,
0.3279

0.8878, 0.4031,
0.3184

0.0000, 1.0000,
0.0000

72.1057, 0.3329,
0.3270

72.1057, 0.3329,
0.3270

59.6199, 0.3545,
0.3252

86.5946, 0.3156,
0.3287

49.0399, 0.3813,
0.3234

97.7993, 0.3054,
0.3290

40.2749, 0.4142,
0.3217

33.2229, 0.4535,
0.3203

■ 27.7718, 0.4981,
0.3196

■ 23.7960, 0.5447,
0.3200

■ 21.1514, 0.5874,
0.3217

■ 19.6648, 0.6194,
0.3247

■ 19.0982, 0.6346,
0.3270

Harmonies

Analogous

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



72.1057, 0.3222, 0.3165



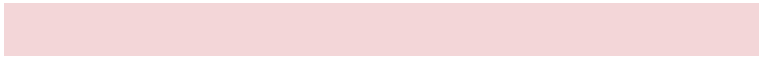
72.1057, 0.3329, 0.3270



72.1057, 0.3381, 0.3382

Triad

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



72.1057, 0.3329, 0.3270



72.1057, 0.3160, 0.3498



72.1057, 0.2895, 0.3105

Complementary

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



72.1057, 0.3329, 0.3270



84.7670, 0.2955, 0.3310

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.



72.1057, 0.2880, 0.3190



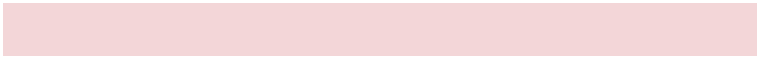
72.1057, 0.3329, 0.3270



72.1057, 0.3030, 0.3420

Square

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



72.1057, 0.3329, 0.3270



72.1057, 0.3282, 0.3516



72.1057, 0.2929, 0.3306



72.1057, 0.2972, 0.3070

Rectangle

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



72.1057, 0.3329, 0.3270



72.1057, 0.3377, 0.3447



72.1057, 0.2929, 0.3306



72.1057, 0.2883, 0.3128

Sweetspot

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



72.1089, 0.3329, 0.3270



93.0666, 0.3189, 0.3284



73.1975, 0.3124, 0.2994



19.6499, 0.3201, 0.3282



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

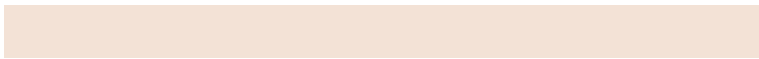
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1089, 0.3329, 0.3270



77.3389, 0.3370, 0.3266



78.3583, 0.3327, 0.3416



16.5008, 0.3283, 0.3274



10.4860, 0.6329, 0.3260



0.9279, 0.6157, 0.3166

Inverse Universe

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



72.1089, 0.3329, 0.3270



77.3389, 0.3370, 0.3266



77.8825, 0.2941, 0.3161



16.5008, 0.3283, 0.3274



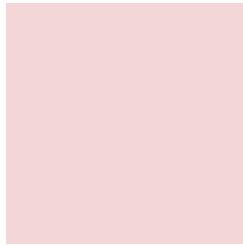
10.4860, 0.6329, 0.3260



0.9279, 0.6157, 0.3166

Previews

White Background



This preview shows how the Yxy color 72.1057, 0.3329, 0.3270 looks on a white background.

Color Contrast Check

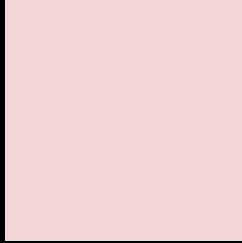
Large Text (above 18pt) WCAG AA × Fail

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 72.1057, 0.3329, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

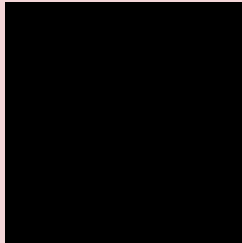
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1057, 0.3329, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 72.1057, 0.3329, 0.3270.



This preview shows how white text looks on a background with the Yxy color 72.1057, 0.3329, 0.3270.

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

72.1057, 0.3329, 0.3270

Protanopia

72.3084, 0.3170, 0.3301

Deuteranopia

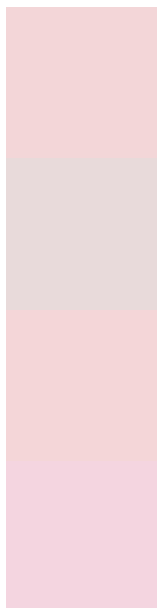
72.2841, 0.3336, 0.3270



Tritanopia

72.1566, 0.3253, 0.3116

Trichromacy



Original Color

72.1057, 0.3329, 0.3270

Protanomaly

72.3606, 0.3229, 0.3290

Deuteranomaly

72.2841, 0.3336, 0.3270

Tritanomaly

72.2034, 0.3280, 0.3177

Monochromacy



Original Color

72.1057, 0.3329, 0.3270

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1767, 0.3199, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1057, 0.3329, 0.3270 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(243, 214, 216)` looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 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(243, 214, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 216) }
```

Border

The CSS property to change the border of an element to Yxy 72.1057, 0.3329, 0.3270 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(243, 214, 216) }
```

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

```
.border{ border-color:rgb(243, 214, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 214, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1057, 0.3329, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 216) }
```

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

```
.background{ background-color: rgb(243,  
214, 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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