

Converting Colors

$Y_{xy}(73.1410, 0.3313, 0.3265)$

Have a look what the booklet for
Yxy(73.1410, 0.3313, 0.3265)
contains.

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Color

Yxy(73.2284, 0.3312, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F3D8DA
RGB	243, 216, 218
RGB Percent	95%, 85%, 85%
CMY	0.0471, 0.1529, 0.1452
CMYK	0.00, 0.11, 0.10, 0.05
HSL	356°, 53%, 90%
HSV	356°, 11%, 95%
XYZ	74.1689, 73.2284, 76.5427
YIQ	224.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

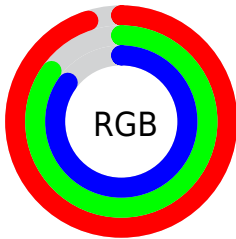
Format	Color
R _Y B	243, 216, 218
Decimal	15980762
CIE Lab	88.56, 9.65, 2.44
CIE LCh	89, 9.953, 14.175
Yxy	73.2284, 0.3312, 0.3270
Android (android.graphics.Color)	4294170842 (0xFFFF3D8DA)
YUV	224.3010, -3.1064, 16.3990
Hunter-Lab	85.5736, 4.9570, 6.8686

Details

The Yxy color **73.2284, 0.3312, 0.3270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.0495, 0.2968, 0.3310**, and the grayscale version is **74.7829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6989, 0.3361, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **60.5870, 0.3522, 0.3251**, and if you desaturate by 10%, it is **87.8776, 0.3144, 0.3288**.

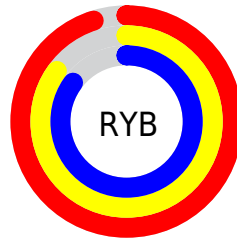
Distribution



Red (95%)

Green (85%)

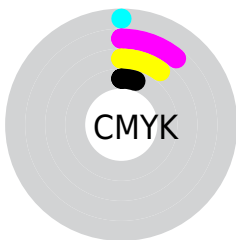
Blue (85%)



Red (95%)

Yellow (85%)

Blue (85%)

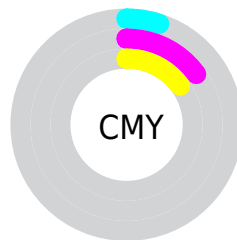


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (5%)



Cyan (5%)


Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2284, 0.3312, 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 73.2284, 0.3312, 0.3270 by changing the saturation by 10% instead.


 73.2284, 0.3312,
0.3270

 73.2284, 0.3312,
0.3270


471.8060, 0.3226,
0.3280

 54.1627, 0.3332,
0.3268


123.8014, 0.3282,
0.3274

 38.7318, 0.3356,
0.3265


156.0775, 0.3271,
0.3275

 26.5511, 0.3387,
0.3261


193.5259, 0.3261,
0.3276

 17.2364, 0.3428,
0.3256

236.5310, 0.3252,
0.3277

 10.4032, 0.3483,
0.3248

285.4772, 0.3244,
0.3278

 5.6671, 0.3564,
0.3237

340.7488, 0.3238,

 2.6437, 0.3692,

0.3279

0.3217

402.7303, 0.3232,
0.3279

0.9487, 0.3930,
0.3182

0.0000, 1.0000,
0.0000

73.2284, 0.3312,
0.3270

73.2284, 0.3312,
0.3270

60.5870, 0.3522,
0.3251

87.8776, 0.3144,
0.3288

49.8568, 0.3784,
0.3231

97.7934, 0.3054,
0.3290

40.9476, 0.4106,
0.3213

33.7584, 0.4492,
0.3197

■ 28.1781, 0.4932,
0.3189

■ 24.0829, 0.5396,
0.3192

■ 21.3305, 0.5830,
0.3208

■ 19.7514, 0.6163,
0.3239

■ 19.0963, 0.6341,
0.3267

Harmonies

Analogous

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



73.2284, 0.3213, 0.3173



73.2284, 0.3312, 0.3270



73.2284, 0.3361, 0.3374

Triad

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



73.2284, 0.3312, 0.3270



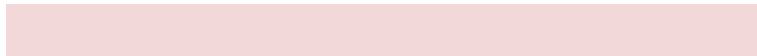
73.2284, 0.3159, 0.3482



73.2284, 0.2912, 0.3120

Complementary

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



73.2284, 0.3312, 0.3270



85.0495, 0.2968, 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.



73.2284, 0.2899, 0.3200



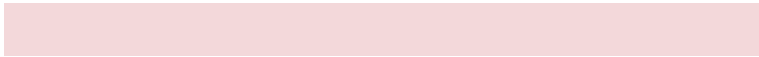
73.2284, 0.3312, 0.3270



73.2284, 0.3040, 0.3411

Square

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



73.2284, 0.3312, 0.3270



73.2284, 0.3272, 0.3499



73.2284, 0.2945, 0.3307



73.2284, 0.2982, 0.3087

Rectangle

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



73.2284, 0.3312, 0.3270



73.2284, 0.3358, 0.3433



73.2284, 0.2945, 0.3307



73.2284, 0.2901, 0.3142

Sweetspot

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



73.2316, 0.3312, 0.3270



94.7675, 0.3173, 0.3285



74.2436, 0.3124, 0.3015



19.9924, 0.3186, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

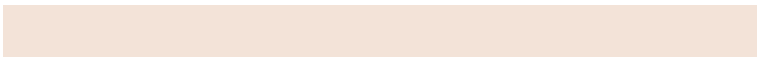
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2316, 0.3312, 0.3270



78.8196, 0.3349, 0.3266



79.0886, 0.3312, 0.3407



16.5022, 0.3282, 0.3273



10.4886, 0.6323, 0.3257



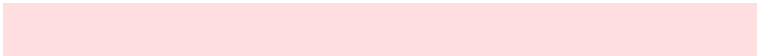
0.9285, 0.6140, 0.3156

Inverse Universe

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



73.2316, 0.3312, 0.3270



78.8196, 0.3349, 0.3266



78.6439, 0.2955, 0.3171



16.5022, 0.3282, 0.3273



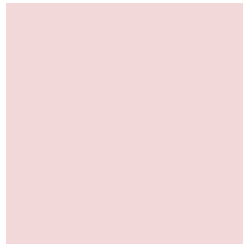
10.4886, 0.6323, 0.3257



0.9285, 0.6140, 0.3156

Previews

White Background



This preview shows how the Yxy color 73.2284, 0.3312, 0.3270 looks on a white background.

Color Contrast Check

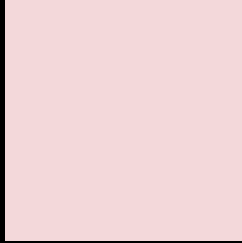
Large Text (above 18pt) WCAG AA × Fail

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 73.2284, 0.3312, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

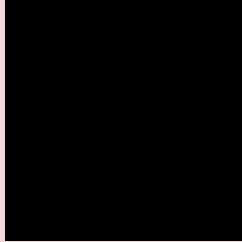
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2284, 0.3312, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 73.2284, 0.3312, 0.3270.

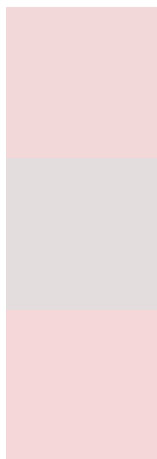


This preview shows how white text looks on a background with the Yxy color 73.2284, 0.3312, 0.3270.

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

73.2284, 0.3312, 0.3270

Protanopia

73.2643, 0.3170, 0.3290

Deuteranopia

73.0753, 0.3328, 0.3260



Tritanopia

73.2751, 0.3238, 0.3116

Trichromacy



Original Color

73.2284, 0.3312, 0.3270

Protanomaly

73.1540, 0.3221, 0.3280

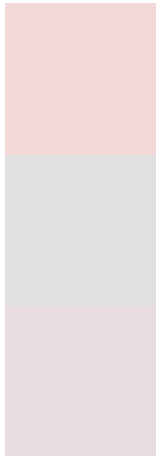
Deuteranomaly

72.8959, 0.3321, 0.3259

Tritanomaly

73.3250, 0.3264, 0.3177

Monochromacy



Original Color

73.2284, 0.3312, 0.3270

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9758, 0.3192, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2284, 0.3312, 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, 216, 218)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 218)  
}
```

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, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 218) }
```

Border

The CSS property to change the border of an element to Yxy 73.2284, 0.3312, 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, 216, 218) }
```

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

```
.border{ border-color:rgb(243, 216, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 216, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 216, 218); box-shadow:4px 4px 4px 4px rgb(243, 216, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2284, 0.3312, 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, 216, 218) }
```

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

```
.background{ background-color: rgb(243,  
216, 218) }
```

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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