

Converting Colors

$Y_{xy}(72.5753, 0.3331, 0.3254)$

Have a look what the booklet for
Yxy(72.5753, 0.3331, 0.3254)
contains.

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Color

Yxy(72.5676, 0.3329, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F5D6DA
RGB	245, 214, 218
RGB Percent	96%, 84%, 85%
CMY	0.0393, 0.1607, 0.1450
CMYK	0.00, 0.13, 0.11, 0.04
HSL	352°, 61%, 90%
HSV	352°, 13%, 96%
XYZ	74.3544, 72.5676, 76.4316
YIQ	223.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

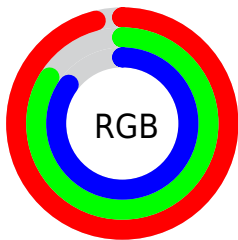
Format	Color
R _Y B	245, 214, 218
Decimal	16111322
CIE Lab	88.24, 11.39, 1.98
CIE LCh	88, 11.564, 9.856
Yxy	72.5676, 0.3329, 0.3249
Android (android.graphics.Color)	4294301402 (0xFFF5D6DA)
YUV	223.7250, -2.8224, 18.6582
Hunter-Lab	85.1866, 6.7257, 6.4341

Details

The Yxy color $72.5676, 0.3329, 0.3249$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.9398, 0.2956, 0.3332$, and the grayscale version is $74.3475, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.2594, 0.3384, 0.3237$ is the 20% darker color. If you saturate the color by 10%, you get $60.0426, 0.3533, 0.3214$, and if you desaturate by 10%, it is $87.1075, 0.3165, 0.3282$.

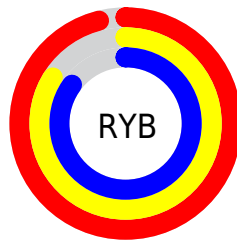
Distribution



Red (96%)

Green (84%)

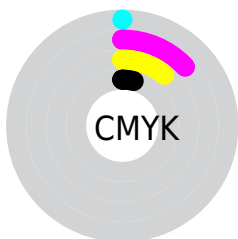
Blue (85%)



Red (96%)

Yellow (84%)

Blue (85%)

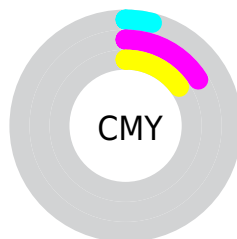


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5676, 0.3329, 0.3249 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 72.5676, 0.3329, 0.3249 by changing the saturation by 10% instead.


 72.5676, 0.3329,
0.3249

 72.5676, 0.3329,
0.3249


469.5148, 0.3235,
0.3269

 53.6225, 0.3351,
0.3244

122.8632, 0.3296,
0.3256

 38.2999, 0.3377,
0.3239

154.9824, 0.3284,
0.3259

 26.2155, 0.3411,
0.3231


192.2618, 0.3273,
0.3261

 16.9850, 0.3456,
0.3221

235.0857, 0.3263,
0.3263

 10.2238, 0.3517,
0.3208

283.8386, 0.3255,
0.3264

 5.5476, 0.3606,
0.3187

338.9048, 0.3248,

 2.5720, 0.3747,

0.3266

0.3154

400.6687, 0.3241,
0.3267

■ 0.9126, 0.4010,
0.3093

■ 0.0000, 1.0000,
0.0000

■ 72.5676, 0.3329,
0.3249

■ 72.5676, 0.3329,
0.3249

■ 60.0426, 0.3533,
0.3214

■ 87.1075, 0.3165,
0.3282

■ 49.4344, 0.3787,
0.3179

■ 98.1489, 0.3066,
0.3290

■ 40.6512, 0.4096,
0.3145

■ 33.5898, 0.4466,
0.3118

■ 28.1369, 0.4887,
0.3102

■ 24.1653, 0.5332,
0.3105

■ 21.5288, 0.5755,
0.3131

■ 20.0511, 0.6091,
0.3182

■ 19.5117, 0.6262,
0.3223

Harmonies

Analogous

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



72.5676, 0.3207, 0.3141



72.5676, 0.3329, 0.3249



72.5676, 0.3397, 0.3370

Triad

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



72.5676, 0.3329, 0.3249



72.5676, 0.3184, 0.3522



72.5676, 0.2871, 0.3102

Complementary

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



72.5676, 0.3329, 0.3249



85.9398, 0.2956, 0.3332

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.



72.5676, 0.2865, 0.3201



72.5676, 0.3329, 0.3249



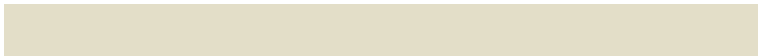
72.5676, 0.3044, 0.3447

Square

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



72.5676, 0.3329, 0.3249



72.5676, 0.3311, 0.3530



72.5676, 0.2928, 0.3328



72.5676, 0.2943, 0.3056

Rectangle

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



72.5676, 0.3329, 0.3249



72.5676, 0.3401, 0.3443



72.5676, 0.2928, 0.3328



72.5676, 0.2861, 0.3130

Sweetspot

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



72.5708, 0.3329, 0.3249



93.1051, 0.3185, 0.3277



73.3647, 0.3112, 0.2975



19.6596, 0.3197, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

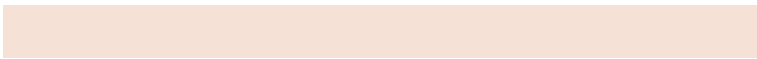
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5708, 0.3329, 0.3249



76.0150, 0.3374, 0.3241



78.3134, 0.3342, 0.3408



16.5174, 0.3273, 0.3260



10.5243, 0.6235, 0.3209



0.9358, 0.5957, 0.3055

Inverse Universe

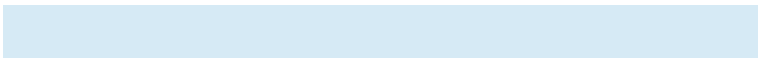
The Inverse Universe completely reimagines the original color for something new.



72.5708, 0.3329, 0.3249



76.0150, 0.3374, 0.3241



79.5215, 0.2931, 0.3170



16.5174, 0.3273, 0.3260



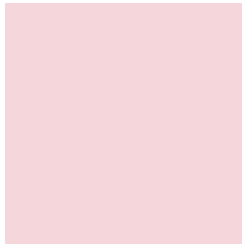
10.5243, 0.6235, 0.3209



0.9358, 0.5957, 0.3055

Previews

White Background



This preview shows how the Yxy color 72.5676, 0.3329, 0.3249 looks on a white background.

Color Contrast Check

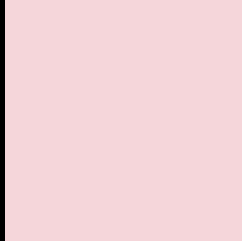
Large Text (above 18pt) WCAG AA × Fail

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 72.5676, 0.3329, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

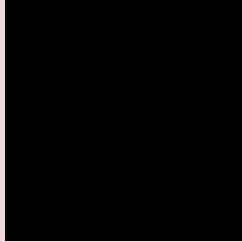
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5676, 0.3329, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 72.5676, 0.3329, 0.3249.



This preview shows how white text looks on a background with the Yxy color 72.5676, 0.3329, 0.3249.

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

72.5676, 0.3329, 0.3249

Protanopia

72.4679, 0.3150, 0.3269

Deuteranopia

72.3882, 0.3322, 0.3249



Tritanopia

72.3369, 0.3261, 0.3116

Trichromacy



Original Color

72.5676, 0.3329, 0.3249

Protanomaly

72.5191, 0.3208, 0.3258

Deuteranomaly

72.3882, 0.3322, 0.3249

Tritanomaly

72.6176, 0.3288, 0.3167

Monochromacy



Original Color

72.5676, 0.3329, 0.3249

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6161, 0.3200, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5676, 0.3329, 0.3249 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(245, 214, 218)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 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(245, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 218) }
```

Border

The CSS property to change the border of an element to Yxy 72.5676, 0.3329, 0.3249 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(245, 214, 218) }
```

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

```
.border{ border-color:rgb(245, 214, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
218) }
```


Background

The CSS property to change the background color of an element to `rgb(72.5676, 0.3329, 0.3249)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 218) }
```

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

```
.background{ background-color: rgb(245,  
214, 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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