

Converting Colors

$Y_{xy}(75.1020, 0.3271, 0.3268)$

Have a look what the booklet for
Yxy(75.1020, 0.3271, 0.3268)
contains.

Yxy(75.3376, 0.3272, 0.3270)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.3376, 0.3272, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F2DCDE
RGB	242, 220, 222
RGB Percent	95%, 86%, 87%
CMY	0.0511, 0.1372, 0.1294
CMYK	0.00, 0.09, 0.08, 0.05
HSL	355°, 46%, 91%
HSV	355°, 9%, 95%
XYZ	75.3837, 75.3376, 79.6689
YIQ	226.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

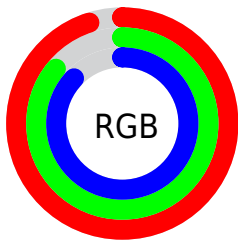
Format	Color
R _Y B	242, 220, 222
Decimal	15916254
CIE Lab	89.55, 7.86, 1.76
CIE LCh	90, 8.059, 12.636
Yxy	75.3376, 0.3272, 0.3270
Android (android.graphics.Color)	4294106334 (0xFFF2DCDE)
YUV	226.8060, -2.3694, 13.3251
Hunter-Lab	86.7972, 3.1327, 6.3373

Details

The Yxy color **75.3376, 0.3272, 0.3270** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.9881, 0.2999, 0.3310**, and the grayscale version is **76.6767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1394, 0.3308, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **62.4397, 0.3469, 0.3247**, and if you desaturate by 10%, it is **90.2344, 0.3114, 0.3292**.

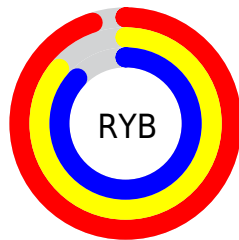
Distribution



Red (95%)

Green (86%)

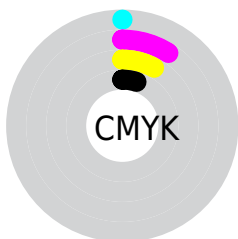
Blue (87%)



Red (95%)

Yellow (86%)

Blue (87%)

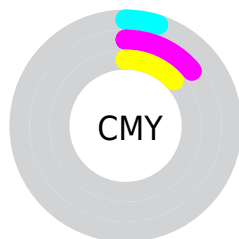


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (5%)



Cyan (5%)


Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3376, 0.3272, 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 75.3376, 0.3272, 0.3270 by changing the saturation by 10% instead.


 75.3376, 0.3272,
0.3270

 75.3376, 0.3272,
0.3270

479.0771, 0.3205,
0.3280

 55.8895, 0.3287,
0.3268

126.7901, 0.3249,
0.3273

 40.1143, 0.3306,
0.3265


159.5634, 0.3240,
0.3275

 27.6277, 0.3330,
0.3261


197.5471, 0.3232,
0.3276

 18.0452, 0.3361,
0.3257

241.1257, 0.3225,
0.3277

 10.9824, 0.3403,
0.3250

290.6837, 0.3219,
0.3278

 6.0550, 0.3465,
0.3240

346.6053, 0.3214,

 2.8786, 0.3560,

0.3278

0.3224

409.2750, 0.3209,
0.3279

■ 1.0687, 0.3732,
0.3193

■ 0.0000, 1.0000,
0.0000

■ 75.3376, 0.3272,
0.3270

■ 75.3376, 0.3272,
0.3270

■ 62.4397, 0.3469,
0.3247

■ 90.2344, 0.3114,
0.3292

■ 51.4464, 0.3715,
0.3222

■ 97.6096, 0.3047,
0.3290

■ 42.2702, 0.4018,
0.3199

■ 34.8134, 0.4383,
0.3178

■ 28.9687, 0.4806,
0.3165

■ 24.6169, 0.5263,
0.3164

■ 21.6223, 0.5707,
0.3180

■ 19.8246, 0.6072,
0.3212

■ 18.9838, 0.6305,
0.3253

Harmonies

Analogous

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



75.3376, 0.3191, 0.3193



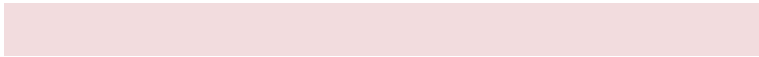
75.3376, 0.3272, 0.3270



75.3376, 0.3314, 0.3354

Triad

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



75.3376, 0.3272, 0.3270



75.3376, 0.3158, 0.3445



75.3376, 0.2953, 0.3156

Complementary

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



75.3376, 0.3272, 0.3270



84.9881, 0.2999, 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.



75.3376, 0.2944, 0.3222



75.3376, 0.3272, 0.3270



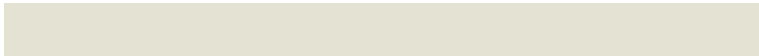
75.3376, 0.3062, 0.3391

Square

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



75.3376, 0.3272, 0.3270



75.3376, 0.3247, 0.3456



75.3376, 0.2984, 0.3308



75.3376, 0.3007, 0.3127

Rectangle

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



75.3376, 0.3272, 0.3270



75.3376, 0.3313, 0.3402



75.3376, 0.2984, 0.3308



75.3376, 0.2944, 0.3175

Sweetspot

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



75.3409, 0.3272, 0.3270



94.7754, 0.3172, 0.3284



76.0899, 0.3122, 0.3066



19.9945, 0.3185, 0.3282



0.0000, 0.0000, 0.0000



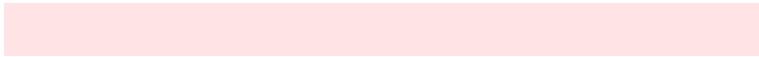
21.4041, 0.3127, 0.3290

Same Dimension

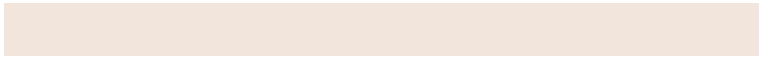
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3409, 0.3272, 0.3270



81.8542, 0.3307, 0.3266



79.9638, 0.3276, 0.3381



15.7819, 0.3279, 0.3269



10.1799, 0.6300, 0.3244



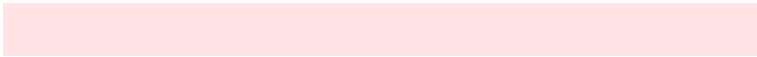
0.8547, 0.6072, 0.3118

Inverse Universe

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



75.3409, 0.3272, 0.3270



81.8542, 0.3307, 0.3266



80.0087, 0.2987, 0.3198



15.7819, 0.3279, 0.3269



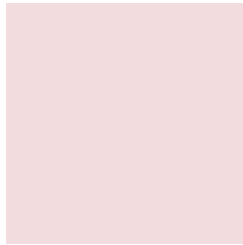
10.1799, 0.6300, 0.3244



0.8547, 0.6072, 0.3118

Previews

White Background



This preview shows how the Yxy color 75.3376, 0.3272, 0.3270 looks on a white background.

Color Contrast Check

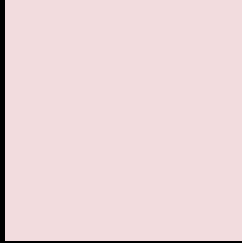
Large Text (above 18pt) WCAG AA × Fail

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 75.3376, 0.3272, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

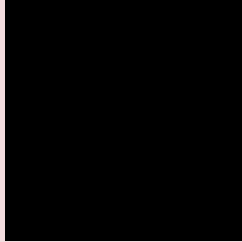
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

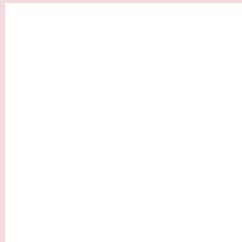
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3376, 0.3272, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 75.3376, 0.3272, 0.3270.

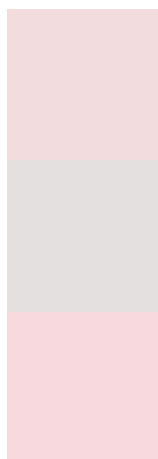


This preview shows how white text looks on a background with the Yxy color 75.3376, 0.3272, 0.3270.

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

75.3376, 0.3272, 0.3270

Protanopia

75.3511, 0.3162, 0.3290

Deuteranopia

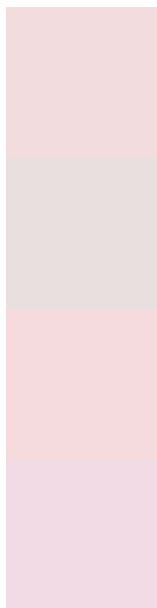
75.3732, 0.3318, 0.3250



Tritanopia

75.3741, 0.3200, 0.3117

Trichromacy



Original Color

75.3376, 0.3272, 0.3270

Protanomaly

75.5955, 0.3205, 0.3290

Deuteranomaly

75.5298, 0.3303, 0.3260

Tritanomaly

75.4309, 0.3226, 0.3177

Monochromacy



Original Color

75.3376, 0.3272, 0.3270

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9034, 0.3177, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3376, 0.3272, 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(242, 220, 222)` looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 222)  
}
```

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(242, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 222) }
```

Border

The CSS property to change the border of an element to Yxy 75.3376, 0.3272, 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(242, 220, 222) }
```

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

```
.border{ border-color:rgb(242, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(242, 220,  
222) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.3376, 0.3272, 0.3270$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 222) }
```

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

```
.background{ background-color: rgb(242,  
220, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor