

Converting Colors

$Y_{xy}(75.6290, 0.3377, 0.3362)$

Have a look what the booklet for
Yxy(75.6290, 0.3377, 0.3362)
contains.

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Color

Yxy(75.7647, 0.3372, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	F7DCD5
RGB	247, 220, 213
RGB Percent	97%, 86%, 84%
CMY	0.0312, 0.1373, 0.1648
CMYK	0.00, 0.11, 0.14, 0.03
HSL	12°, 68%, 90%
HSV	12°, 14%, 97%
XYZ	75.9675, 75.7647, 73.5569
YIQ	227.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

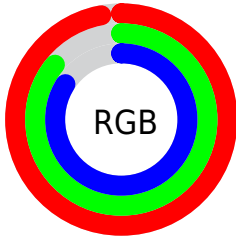
Format	Color
R _Y B	247, 222, 213
Decimal	16243925
CIE Lab	89.75, 8.20, 6.84
CIE LCh	90, 10.675, 39.835
Yxy	75.7647, 0.3372, 0.3363
Android (android.graphics.Color)	4294434005 (0xFFFF7DCD5)
YUV	227.2750, -7.0376, 17.2988
Hunter-Lab	87.0429, 3.4623, 10.8262

Details

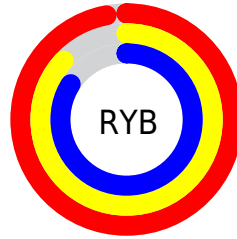
The Yxy color **75.7647, 0.3372, 0.3363** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1904, 0.2914, 0.3216**, and the grayscale version is **77.0723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3260, 0.3429, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **64.9095, 0.3594, 0.3420**, and if you desaturate by 10%, it is **88.0255, 0.3188, 0.3309**.

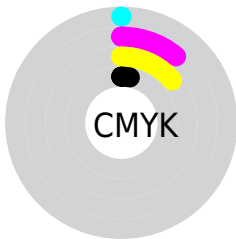
Distribution



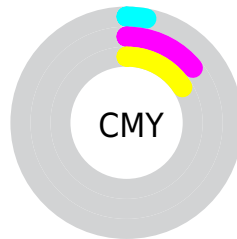
- Red (97%)
- Green (86%)
- Blue (84%)



- Red (97%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7647, 0.3372, 0.3363 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 75.7647, 0.3372, 0.3363 by changing the saturation by 10% instead.


 75.7647, 0.3372,
0.3363

 75.7647, 0.3372,
0.3363


480.5418, 0.3259,
0.3331

 56.2396, 0.3398,
0.3370


127.3942, 0.3333,
0.3352

 40.3950, 0.3430,
0.3379


160.2675, 0.3317,
0.3348

 27.8467, 0.3470,
0.3389


198.3588, 0.3304,
0.3344

 18.2101, 0.3523,
0.3403

242.0528, 0.3293,
0.3341

 11.1010, 0.3595,
0.3420

291.7336, 0.3283,
0.3338

 6.1348, 0.3699,
0.3444

347.7858, 0.3274,

 2.9272, 0.3861,

0.3335

0.3478

410.5938, 0.3266,
0.3333

■ 1.0938, 0.4182,
0.3553

■ 0.0000, 1.0000,
0.0000

■ 75.7647, 0.3372,
0.3363

■ 75.7647, 0.3372,
0.3363

■ 64.9095, 0.3594,
0.3420

■ 88.0255, 0.3188,
0.3309

■ 55.3997, 0.3862,
0.3478

■ 98.5201, 0.3078,
0.3290

■ 47.1853, 0.4179,
0.3534

■ 40.2096, 0.4544,
0.3581

■ 34.4114, 0.4949,
0.3612

■ 29.7244, 0.5365,
0.3616

■ 26.0752, 0.5750,
0.3585

■ 23.3808, 0.6053,
0.3517

■ 22.1392, 0.6191,
0.3466

Harmonies

Analogous

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



75.7647, 0.3311, 0.3253



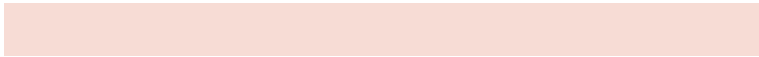
75.7647, 0.3372, 0.3363



75.7647, 0.3366, 0.3457

Triad

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



75.7647, 0.3372, 0.3363



75.7647, 0.3052, 0.3432



75.7647, 0.2960, 0.3077

Complementary

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



75.7647, 0.3372, 0.3363



83.1904, 0.2914, 0.3216

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.



75.7647, 0.2893, 0.3119



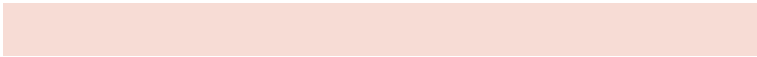
75.7647, 0.3372, 0.3363



75.7647, 0.2946, 0.3324

Square

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



75.7647, 0.3372, 0.3363



75.7647, 0.3180, 0.3500



75.7647, 0.2889, 0.3209



75.7647, 0.3071, 0.3090

Rectangle

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



75.7647, 0.3372, 0.3363



75.7647, 0.3325, 0.3497



75.7647, 0.2889, 0.3209



75.7647, 0.2931, 0.3085

Sweetspot

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



75.7681, 0.3372, 0.3363



94.3018, 0.3192, 0.3310



73.6633, 0.3189, 0.3015



19.9611, 0.3205, 0.3314



0.0000, 0.0000, 0.0000



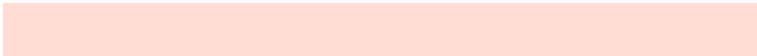
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7681, 0.3372, 0.3363



77.4884, 0.3440, 0.3381



85.0458, 0.3348, 0.3532



17.0355, 0.3289, 0.3339



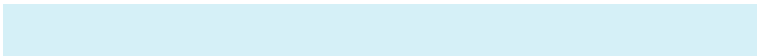
11.8670, 0.6166, 0.3486



1.1842, 0.5935, 0.3669

Inverse Universe

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



83.1904, 0.2914, 0.3216



87.1178, 0.2865, 0.3197



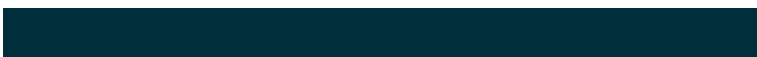
73.7409, 0.2909, 0.3035



18.1439, 0.2980, 0.3240



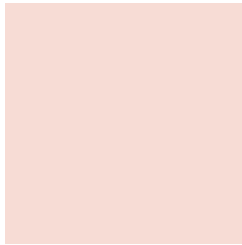
24.6666, 0.2059, 0.2614



2.3106, 0.2086, 0.2708

Previews

White Background



This preview shows how the Yxy color 75.7647, 0.3372, 0.3363 looks on a white background.

Color Contrast Check

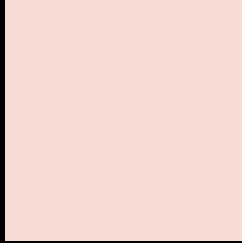
Large Text (above 18pt) WCAG AA × Fail

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 75.7647, 0.3372, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

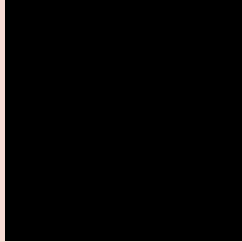
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

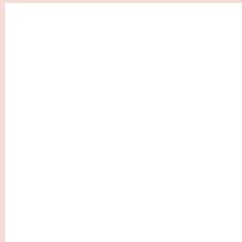
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7647, 0.3372, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 75.7647, 0.3372, 0.3363.

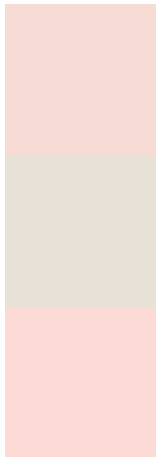


This preview shows how white text looks on a background with the Yxy color 75.7647, 0.3372, 0.3363.

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

75.7647, 0.3372, 0.3363

Protanopia

75.9641, 0.3236, 0.3386

Deuteranopia

75.6424, 0.3412, 0.3342



Tritanopia

75.8902, 0.3251, 0.3119

Trichromacy



Original Color

75.7647, 0.3372, 0.3363

Protanomaly

75.6862, 0.3281, 0.3375

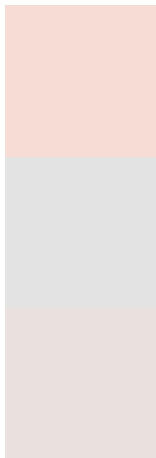
Deuteranomaly

75.7911, 0.3395, 0.3352

Tritanomaly

75.7735, 0.3298, 0.3209

Monochromacy



Original Color

75.7647, 0.3372, 0.3363

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0777, 0.3211, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7647, 0.3372, 0.3363 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(247, 220, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 213)  
}
```

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(247, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 213) }
```

Border

The CSS property to change the border of an element to Yxy 75.7647, 0.3372, 0.3363 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(247, 220, 213) }
```

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

```
.border{ border-color:rgb(247, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7647, 0.3372, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 213) }
```

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

```
.background{ background-color: rgb(247,  
220, 213) }
```

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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