

Converting Colors

$Y_{xy}(75.3573, 0.3375, 0.3350)$

Have a look what the booklet for
Yxy(75.3573, 0.3375, 0.3350)
contains.

Yxy(75.4236, 0.3380, 0.3352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.4236, 0.3380, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	F8DBD5
RGB	248, 219, 213
RGB Percent	97%, 86%, 84%
CMY	0.0275, 0.1411, 0.1645
CMYK	0.00, 0.12, 0.14, 0.03
HSL	10°, 71%, 90%
HSV	10°, 14%, 97%
XYZ	76.0536, 75.4236, 73.5335
YIQ	226.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

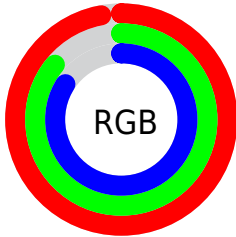
Format	Color
R _Y B	248, 220, 213
Decimal	16309205
CIE Lab	89.59, 9.06, 6.58
CIE LCh	90, 11.197, 36.008
Yxy	75.4236, 0.3380, 0.3352
Android (android.graphics.Color)	4294499285 (0xFFF8DBD5)
YUV	226.9870, -6.8956, 18.4284
Hunter-Lab	86.8468, 4.3346, 10.5916

Details

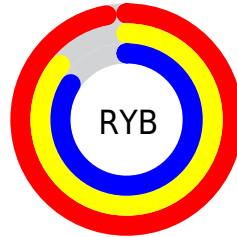
The Yxy color **75.4236, 0.3380, 0.3352** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.4507, 0.2910, 0.3227**, and the grayscale version is **76.8495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0959, 0.3441, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **64.1835, 0.3607, 0.3399**, and if you desaturate by 10%, it is **88.1893, 0.3193, 0.3307**.

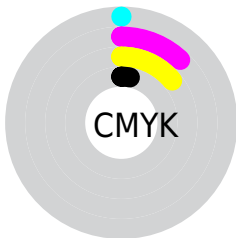
Distribution



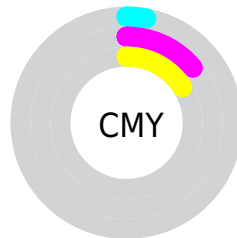
- Red (97%)
- Green (86%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (3%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4236, 0.3380, 0.3352 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 75.4236, 0.3380, 0.3352 by changing the saturation by 10% instead.

 75.4236, 0.3380,
0.3352

 75.4236, 0.3380,
0.3352


479.3723, 0.3263,
0.3325

 55.9600, 0.3407,
0.3358


126.9118, 0.3339,
0.3343

 40.1708, 0.3440,
0.3365

159.7052, 0.3324,
0.3339

 27.6718, 0.3482,
0.3374


197.7106, 0.3310,
0.3336

 18.0784, 0.3536,
0.3385

241.3125, 0.3298,
0.3333

 11.0063, 0.3611,
0.3399

290.8952, 0.3288,
0.3331

 6.0711, 0.3719,
0.3418

346.8431, 0.3279,

 2.8883, 0.3888,

0.3329

0.3444

409.5407, 0.3270,
0.3327

■ 1.0737, 0.4222,
0.3506

■ 0.0000, 1.0000,
0.0000

■ 75.4236, 0.3380,
0.3352

■ 75.4236, 0.3380,
0.3352

■ 64.1835, 0.3607,
0.3399

■ 88.1893, 0.3193,
0.3307

■ 54.4020, 0.3882,
0.3448

■ 98.6935, 0.3084,
0.3290

■ 46.0220, 0.4209,
0.3494

■ 38.9788, 0.4589,
0.3532

■ 33.2026, 0.5009,
0.3555

■ 28.6171, 0.5439,
0.3555

■ 25.1374, 0.5830,
0.3523

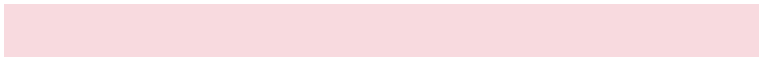
■ 22.6671, 0.6127,
0.3461

■ 21.6295, 0.6251,
0.3419

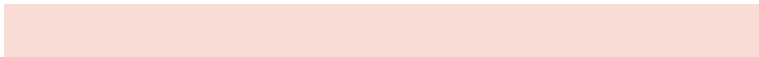
Harmonies

Analogous

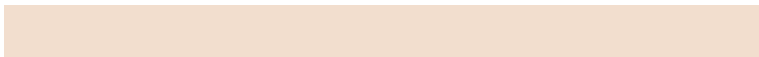
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4236, 0.3307, 0.3236



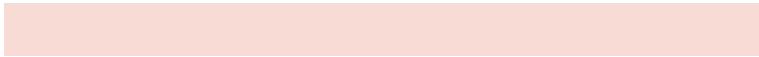
75.4236, 0.3380, 0.3352



75.4236, 0.3383, 0.3455

Triad

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



75.4236, 0.3380, 0.3352



75.4236, 0.3065, 0.3452



75.4236, 0.2939, 0.3068

Complementary

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



75.4236, 0.3380, 0.3352



84.4507, 0.2910, 0.3227

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.



75.4236, 0.2877, 0.3120



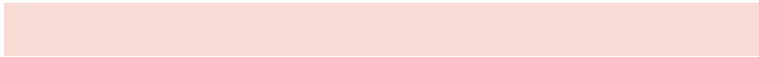
75.4236, 0.3380, 0.3352



75.4236, 0.2949, 0.3342

Square

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



75.4236, 0.3380, 0.3352



75.4236, 0.3199, 0.3516



75.4236, 0.2881, 0.3219



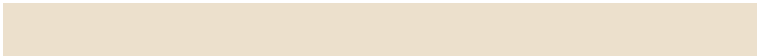
75.4236, 0.3051, 0.3075

Rectangle

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



75.4236, 0.3380, 0.3352



75.4236, 0.3345, 0.3502



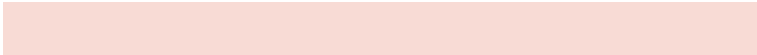
75.4236, 0.2881, 0.3219



75.4236, 0.2912, 0.3079

Sweetspot

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



75.4270, 0.3380, 0.3352



94.0804, 0.3192, 0.3307



73.9882, 0.3183, 0.2998



19.9052, 0.3205, 0.3310



0.0000, 0.0000, 0.0000



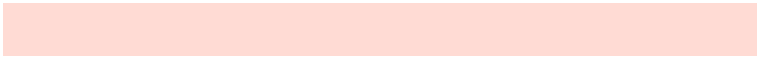
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4270, 0.3380, 0.3352



76.6804, 0.3442, 0.3366



84.9467, 0.3355, 0.3526



17.7034, 0.3290, 0.3331



11.8229, 0.6229, 0.3436



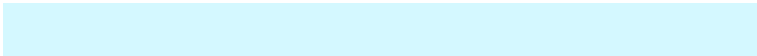
1.2250, 0.6023, 0.3599

Inverse Universe

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



84.4507, 0.2910, 0.3227



88.0595, 0.2866, 0.3213



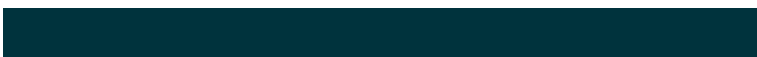
74.6159, 0.2904, 0.3042



19.0752, 0.2980, 0.3249



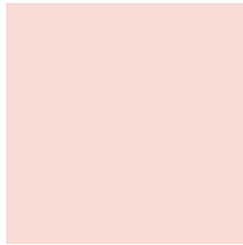
27.6149, 0.2093, 0.2736



2.6863, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 75.4236, 0.3380, 0.3352 looks on a white background.

Color Contrast Check

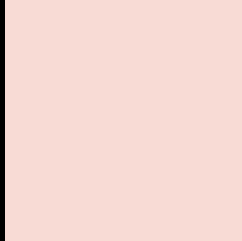
Large Text (above 18pt) WCAG AA × Fail

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 75.4236, 0.3380, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

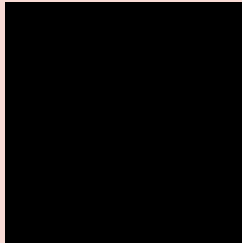
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

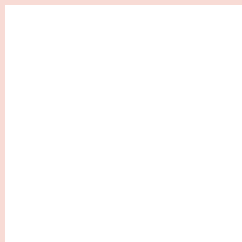
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4236, 0.3380, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 75.4236, 0.3380, 0.3352.

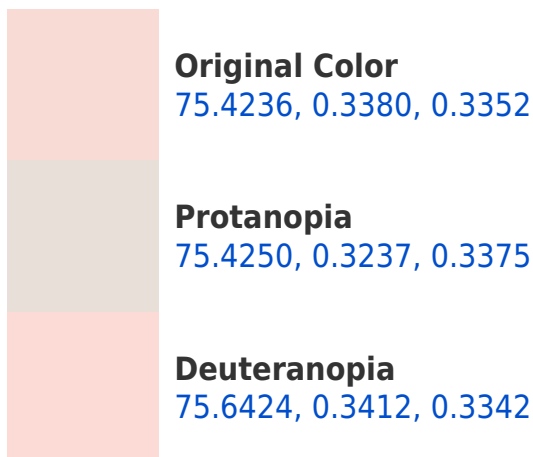


This preview shows how white text looks on a background with the Yxy color 75.4236, 0.3380, 0.3352.

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





Tritanopia

75.5042, 0.3266, 0.3119

Trichromacy



Original Color

75.4236, 0.3380, 0.3352

Protanomaly

75.3260, 0.3289, 0.3364

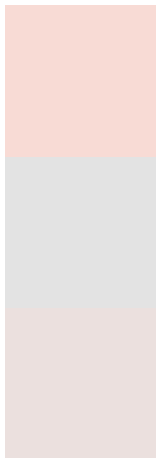
Deuteranomaly

75.4561, 0.3404, 0.3342

Tritanomaly

75.4407, 0.3306, 0.3199

Monochromacy



Original Color

75.4236, 0.3380, 0.3352

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2474, 0.3218, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4236, 0.3380, 0.3352 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(248, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(248, 219, 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(248, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 219, 213) }
```

Border

The CSS property to change the border of an element to Yxy 75.4236, 0.3380, 0.3352 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(248, 219, 213) }
```

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

```
.border{ border-color:rgb(248, 219, 213) }
```

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

Here you see how a box with a 4 pixel rgb(248, 219, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(248, 219,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4236, 0.3380, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 219, 213) }
```

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

```
.background{ background-color: rgb(248,  
219, 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](#).

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