

Converting Colors

$Y_{xy}(93.9272, 0.4022, 0.3322)$

Have a look what the booklet for
Yxy(93.9272, 0.4022, 0.3322)
contains.

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Color

Yxy(75.6898, 0.3436, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D5
RGB	255, 217, 213
RGB Percent	100%, 85%, 84%
CMY	0.0000, 0.1491, 0.1646
CMYK	0.00, 0.15, 0.16, 0.00
HSL	6°, 100%, 92%
HSV	6°, 16%, 100%
XYZ	78.0757, 75.6898, 73.4630
YIQ	227.9060, 23.9320, 6.8120

Conversions

Conversions Part 2

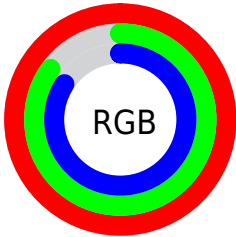
Format	Color
R _Y B	255, 217, 213
Decimal	16767445
CIE Lab	89.72, 12.60, 6.85
CIE LCh	90, 14.344, 28.539
Yxy	75.6898, 0.3436, 0.3331
Android (android.graphics.Color)	4294957525 (0xFFFFD9D5)
YUV	227.9060, -7.3487, 23.7614
Hunter-Lab	86.9999, 7.9402, 10.8353

Details

The Yxy color **75.6898, 0.3436, 0.3331** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.3883, 0.2876, 0.3249**, and the grayscale version is **77.5494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3150, 0.3514, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **63.4084, 0.3682, 0.3358**, and if you desaturate by 10%, it is **89.8332, 0.3236, 0.3305**.

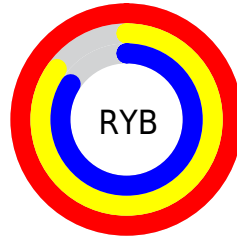
Distribution



Red (100%)

Green (85%)

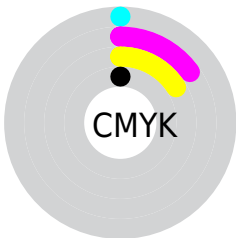
Blue (84%)



Red (100%)

Yellow (85%)

Blue (84%)

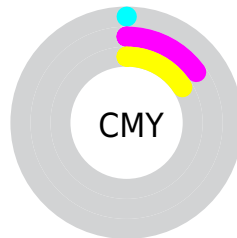


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6898, 0.3436, 0.3331 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 75.6898, 0.3436, 0.3331 by changing the saturation by 10% instead.

 75.6898, 0.3436,
0.3331

 75.6898, 0.3436,
0.3331

480.2852, 0.3293,
0.3314

 56.1782, 0.3469,
0.3334


127.2883, 0.3386,
0.3325

 40.3458, 0.3509,
0.3339


160.1440, 0.3367,
0.3323

 27.8083, 0.3560,
0.3343


198.2165, 0.3351,
0.3321

 18.1812, 0.3627,
0.3349

241.8903, 0.3336,
0.3319

 11.0801, 0.3718,
0.3356

291.5496, 0.3323,
0.3318

 6.1208, 0.3850,
0.3363

347.5789, 0.3312,

 2.9187, 0.4055,

0.3316

0.3370

410.3626, 0.3302,
0.3315

■ 1.0894, 0.4453,
0.3392

■ 0.0000, 1.0000,
0.0000

■ 75.6898, 0.3436,
0.3331

■ 75.6898, 0.3436,
0.3331

■ 63.4084, 0.3682,
0.3358

■ 89.8332, 0.3236,
0.3305

■ 52.9217, 0.3984,
0.3385

100.0000, 0.3127,
0.3290

■ 44.1421, 0.4346,
0.3410

■ 36.9793, 0.4765,
0.3429

■ 31.3342, 0.5221,
0.3436

■ 27.0971, 0.5668,
0.3428

■ 24.1434, 0.6044,
0.3400

■ 22.3262, 0.6287,
0.3357

■ 21.9162, 0.6344,
0.3345

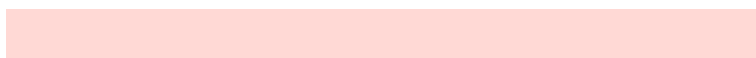
Harmonies

Analogous

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



75.6898, 0.3323, 0.3186



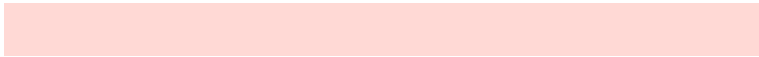
75.6898, 0.3436, 0.3331



75.6898, 0.3463, 0.3470

Triad

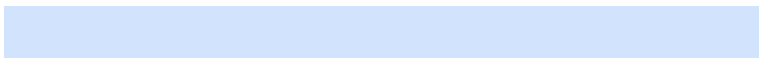
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6898, 0.3436, 0.3331



75.6898, 0.3089, 0.3526



75.6898, 0.2861, 0.3017

Complementary

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



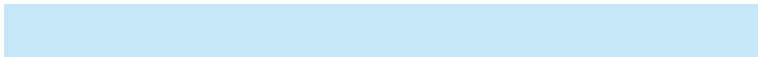
75.6898, 0.3436, 0.3331



90.3883, 0.2876, 0.3249

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.



75.6898, 0.2802, 0.3098



75.6898, 0.3436, 0.3331



75.6898, 0.2931, 0.3395

Square

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



75.6898, 0.3436, 0.3331



75.6898, 0.3259, 0.3589



75.6898, 0.2828, 0.3236



75.6898, 0.2990, 0.3008

Rectangle

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



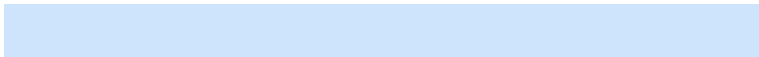
75.6898, 0.3436, 0.3331



75.6898, 0.3429, 0.3541



75.6898, 0.2828, 0.3236



75.6898, 0.2832, 0.3036

Sweetspot

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



75.6862, 0.3436, 0.3331



92.0589, 0.3210, 0.3302



75.8594, 0.3170, 0.2914



19.4739, 0.3222, 0.3304



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

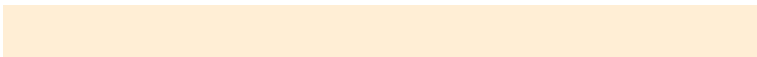
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6862, 0.3436, 0.3331



71.1295, 0.3517, 0.3340



86.9306, 0.3403, 0.3534



18.2627, 0.3292, 0.3313



11.5432, 0.6329, 0.3357



1.2123, 0.6189, 0.3468

Inverse Universe

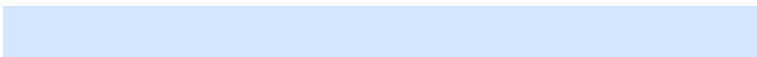
The Inverse Universe completely reimagines the original color for something new.



90.3883, 0.2876, 0.3249



88.5440, 0.2824, 0.3239



78.2518, 0.2866, 0.3033



20.1709, 0.2980, 0.3267



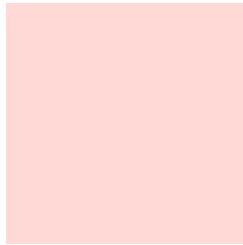
33.7350, 0.2164, 0.2991



3.3665, 0.2174, 0.3027

Previews

White Background



This preview shows how the Yxy color 75.6898, 0.3436, 0.3331 looks on a white background.

Color Contrast Check

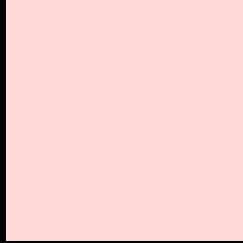
Large Text (above 18pt) WCAG AA × Fail

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 75.6898, 0.3436, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

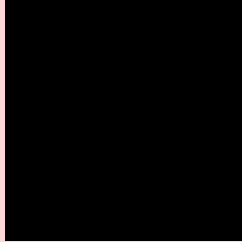
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

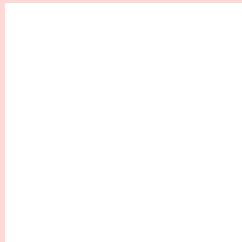
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6898, 0.3436, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 75.6898, 0.3436, 0.3331.

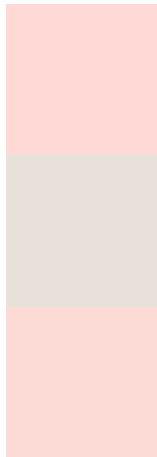


This preview shows how white text looks on a background with the Yxy color 75.6898, 0.3436, 0.3331.

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

75.6898, 0.3436, 0.3331

Protanopia

76.0160, 0.3229, 0.3375

Deuteranopia

75.6424, 0.3412, 0.3342



Tritanopia

75.6304, 0.3310, 0.3131

Trichromacy



Original Color

75.6898, 0.3436, 0.3331

Protanomaly

75.7257, 0.3297, 0.3353

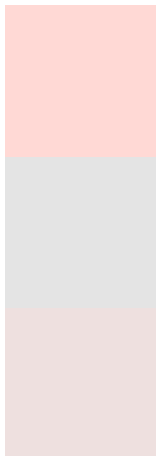
Deuteranomaly

75.8296, 0.3419, 0.3342

Tritanomaly

75.7536, 0.3358, 0.3210

Monochromacy



Original Color

75.6898, 0.3436, 0.3331

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8162, 0.3233, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6898, 0.3436, 0.3331 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(255, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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(255, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 213) }
```

Border

The CSS property to change the border of an element to Yxy 75.6898, 0.3436, 0.3331 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(255, 217, 213) }
```

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

```
.border{ border-color:rgb(255, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
213) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.6898, 0.3436, 0.3331$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 213) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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