

Converting Colors

$Y_{xy}(75.4270, 0.3391, 0.3426)$

Have a look what the booklet for
Yxy(75.4270, 0.3391, 0.3426)
contains.

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Color

Yxy(75.6794, 0.3390, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	F5DDD0
RGB	245, 221, 208
RGB Percent	96%, 87%, 82%
CMY	0.0394, 0.1332, 0.1843
CMYK	0.00, 0.10, 0.15, 0.04
HSL	21°, 65%, 89%
HSV	21°, 15%, 96%
XYZ	74.8842, 75.6794, 70.3337
YIQ	226.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

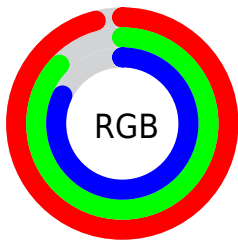
Format	Color
R _Y B	245, 228, 208
Decimal	16113104
CIE Lab	89.71, 6.15, 9.37
CIE LCh	90, 11.210, 56.715
Yxy	75.6794, 0.3390, 0.3426
Android (android.graphics.Color)	4294303184 (0xFFF5DDD0)
YUV	226.6940, -9.2161, 16.0544
Hunter-Lab	86.9939, 1.4131, 12.9604

Details

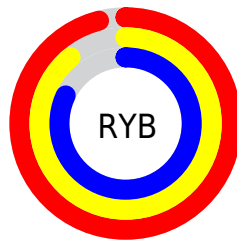
The Yxy color **75.6794, 0.3390, 0.3426** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6701, 0.2893, 0.3150**, and the grayscale version is **76.6383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2969, 0.3444, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **66.5839, 0.3603, 0.3522**, and if you desaturate by 10%, it is **85.7591, 0.3209, 0.3334**.

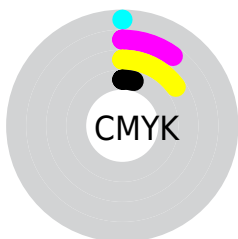
Distribution



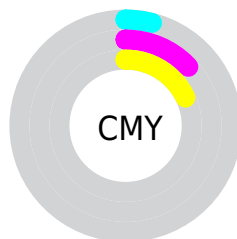
- Red (96%)
- Green (87%)
- Blue (82%)



- Red (96%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6794, 0.3390, 0.3426 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 75.6794, 0.3390, 0.3426 by changing the saturation by 10% instead.


 75.6794, 0.3390,
0.3426

 75.6794, 0.3390,
0.3426


480.2495, 0.3269,
0.3365

 56.1697, 0.3418,
0.3440


127.2736, 0.3348,
0.3405

 40.3390, 0.3452,
0.3456


160.1269, 0.3331,
0.3397

 27.8029, 0.3495,
0.3477


198.1968, 0.3317,
0.3390

 18.1772, 0.3552,
0.3504

241.8677, 0.3305,
0.3383

 11.0773, 0.3629,
0.3539

291.5240, 0.3294,
0.3378

 6.1188, 0.3740,
0.3588

347.5502, 0.3285,

 2.9175, 0.3912,

0.3373

0.3660

410.3306, 0.3276,
0.3369

■ 1.0888, 0.4314,
0.3860

■ 0.0000, 1.0000,
0.0000

■ 75.6794, 0.3390,
0.3426

■ 75.6794, 0.3390,
0.3426

■ 66.5839, 0.3603,
0.3522

■ 85.7591, 0.3209,
0.3334

■ 58.4322, 0.3851,
0.3620

■ 96.7131, 0.3066,
0.3268

■ 51.1957, 0.4136,
0.3715

■ 98.1433, 0.3065,
0.3290

■ 44.8405, 0.4455,
0.3797

■ 39.3304, 0.4798,
0.3857

■ 34.6263, 0.5147,
0.3880

■ 30.6856, 0.5472,
0.3857

■ 27.4599, 0.5744,
0.3781

■ 26.1137, 0.5857,
0.3731

Harmonies

Analogous

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



75.6794, 0.3364, 0.3316



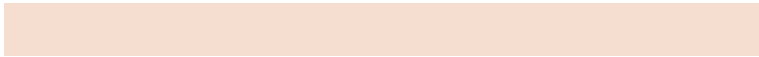
75.6794, 0.3390, 0.3426



75.6794, 0.3343, 0.3503

Triad

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



75.6794, 0.3390, 0.3426



75.6794, 0.2981, 0.3379



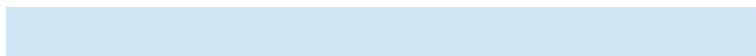
75.6794, 0.3013, 0.3067

Complementary

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



75.6794, 0.3390, 0.3426



77.6701, 0.2893, 0.3150

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.



75.6794, 0.2914, 0.3078



75.6794, 0.3390, 0.3426



75.6794, 0.2896, 0.3256

Square

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



75.6794, 0.3390, 0.3426



75.6794, 0.3106, 0.3478



75.6794, 0.2871, 0.3147



75.6794, 0.3144, 0.3112

Rectangle

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



75.6794, 0.3390, 0.3426



75.6794, 0.3279, 0.3524



75.6794, 0.2871, 0.3147



75.6794, 0.2975, 0.3064

Sweetspot

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



75.6828, 0.3390, 0.3426



94.0510, 0.3207, 0.3334



70.3418, 0.3235, 0.3044



19.9566, 0.3219, 0.3340



0.0000, 0.0000, 0.0000



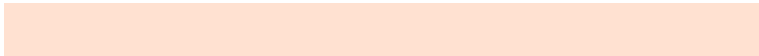
21.4041, 0.3127, 0.3290

Same Dimension

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



75.6828, 0.3390, 0.3426



79.8700, 0.3449, 0.3454



85.9288, 0.3362, 0.3611



17.4381, 0.3285, 0.3374



14.3096, 0.5828, 0.3755



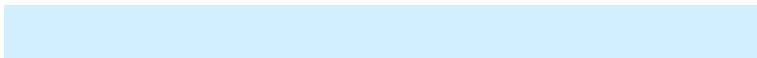
1.4436, 0.5589, 0.3945

Inverse Universe

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



77.6701, 0.2893, 0.3150



82.4180, 0.2846, 0.3120



67.8607, 0.2885, 0.2948



17.7174, 0.2980, 0.3205



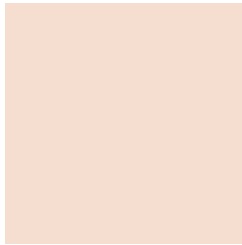
17.1133, 0.1915, 0.2092



1.6969, 0.1961, 0.2260

Previews

White Background



This preview shows how the Yxy color 75.6794, 0.3390, 0.3426 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 75.6794, 0.3390, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

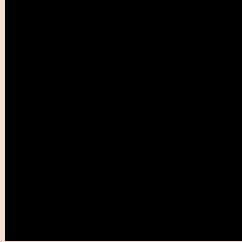
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

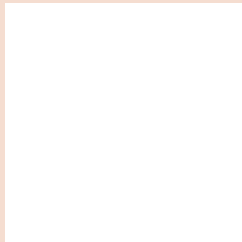
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6794, 0.3390, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 75.6794, 0.3390, 0.3426.

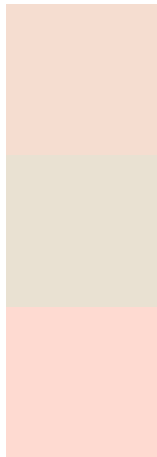


This preview shows how white text looks on a background with the Yxy color 75.6794, 0.3390, 0.3426.

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

75.6794, 0.3390, 0.3426

Protanopia

75.8272, 0.3283, 0.3450

Deuteranopia

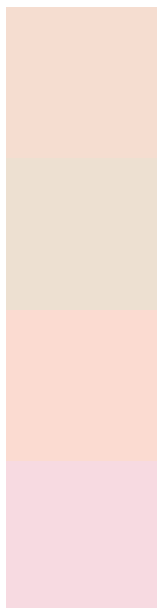
75.8171, 0.3456, 0.3383



Tritanopia

75.5227, 0.3236, 0.3118

Trichromacy



Original Color

75.6794, 0.3390, 0.3426

Protanomaly

75.9193, 0.3320, 0.3449

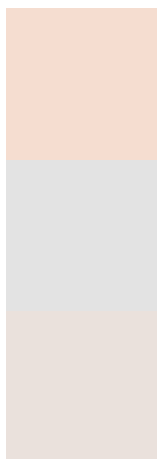
Deuteranomaly

75.7757, 0.3431, 0.3393

Tritanomaly

75.3532, 0.3290, 0.3219

Monochromacy



Original Color

75.6794, 0.3390, 0.3426

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5102, 0.3223, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6794, 0.3390, 0.3426 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, 221, 208)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 208)  
}
```

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, 221, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 208) }
```

Border

The CSS property to change the border of an element to Yxy 75.6794, 0.3390, 0.3426 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, 221, 208) }
```

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

```
.border{ border-color:rgb(245, 221, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 221, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6794, 0.3390, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 208) }
```

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

```
.background{ background-color: rgb(245,  
221, 208) }
```

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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