

Converting Colors

$Y_{xy}(76.1218, 0.3347, 0.3365)$

Have a look what the booklet for
Yxy(76.1218, 0.3347, 0.3365)
contains.

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Color

Yxy(75.9804, 0.3348, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	F5DDD6
RGB	245, 221, 214
RGB Percent	96%, 87%, 84%
CMY	0.0394, 0.1333, 0.1607
CMYK	0.00, 0.10, 0.13, 0.04
HSL	14°, 61%, 90%
HSV	14°, 13%, 96%
XYZ	75.6415, 75.9804, 74.3085
YIQ	227.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

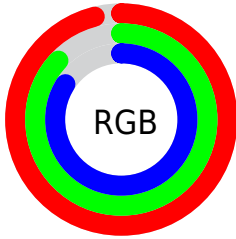
Format	Color
R _{YB}	245, 223, 214
Decimal	16113110
CIE Lab	89.85, 7.10, 6.42
CIE LCh	90, 9.569, 42.098
Yxy	75.9804, 0.3348, 0.3363
Android (android.graphics.Color)	4294303190 (0xFFF5DDD6)
YUV	227.3780, -6.5954, 15.4545
Hunter-Lab	87.1667, 2.3568, 10.4728

Details

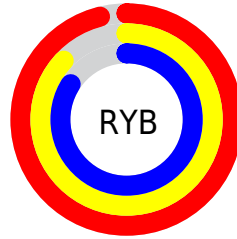
The Yxy color **75.9804, 0.3348, 0.3363** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0155, 0.2932, 0.3216**, and the grayscale version is **77.1451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5945, 0.3408, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **65.3730, 0.3564, 0.3425**, and if you desaturate by 10%, it is **87.9128, 0.3169, 0.3305**.

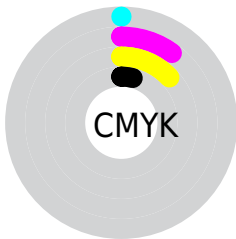
Distribution



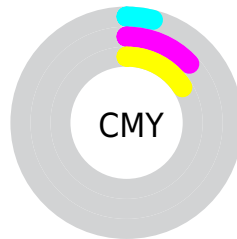
- Red (96%)
- Green (87%)
- Blue (84%)



- Red (96%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9804, 0.3348, 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 75.9804, 0.3348, 0.3363 by changing the saturation by 10% instead.


 75.9804, 0.3348,
0.3363

 75.9804, 0.3348,
0.3363

481.2806, 0.3246,
0.3330

 56.4164, 0.3371,
0.3370


127.6992, 0.3313,
0.3352

 40.5369, 0.3400,
0.3379


160.6228, 0.3299,
0.3348

 27.9574, 0.3436,
0.3390


198.7685, 0.3287,
0.3344

 18.2936, 0.3484,
0.3404

242.5205, 0.3277,
0.3340

 11.1610, 0.3549,
0.3422

292.2633, 0.3268,
0.3338

 6.1752, 0.3642,
0.3447

348.3814, 0.3260,

 2.9519, 0.3788,

0.3335

0.3483

411.2590, 0.3252,
0.3333

1.1067, 0.4069,
0.3557

0.0000, 1.0000,
0.0000

75.9804, 0.3348,
0.3363

75.9804, 0.3348,
0.3363

65.3730, 0.3564,
0.3425

87.9128, 0.3169,
0.3305

56.0347, 0.3822,
0.3489

98.1454, 0.3065,
0.3290

47.9206, 0.4128,
0.3551

40.9789, 0.4482,
0.3604

■ 35.1544, 0.4874,
0.3642

■ 30.3871, 0.5282,
0.3652

■ 26.6111, 0.5667,
0.3626

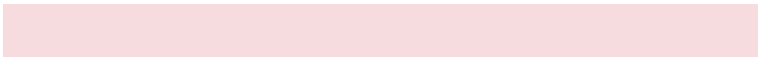
■ 23.7524, 0.5981,
0.3560

■ 22.1772, 0.6153,
0.3496

Harmonies

Analogous

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



75.9804, 0.3297, 0.3264



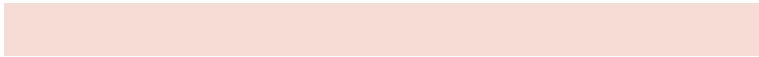
75.9804, 0.3348, 0.3363



75.9804, 0.3338, 0.3445

Triad

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



75.9804, 0.3348, 0.3363



75.9804, 0.3052, 0.3411



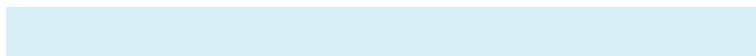
75.9804, 0.2983, 0.3098

Complementary

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



75.9804, 0.3348, 0.3363



82.0155, 0.2932, 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.



75.9804, 0.2920, 0.3133



75.9804, 0.3348, 0.3363



75.9804, 0.2959, 0.3313

Square

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



75.9804, 0.3348, 0.3363



75.9804, 0.3166, 0.3475



75.9804, 0.2911, 0.3211



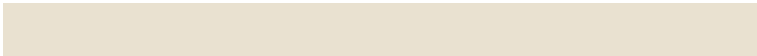
75.9804, 0.3086, 0.3113

Rectangle

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



75.9804, 0.3348, 0.3363



75.9804, 0.3299, 0.3479



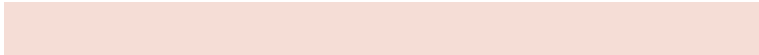
75.9804, 0.2911, 0.3211



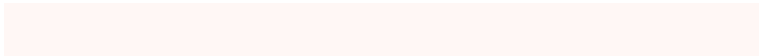
75.9804, 0.2957, 0.3104

Sweetspot

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



75.9838, 0.3348, 0.3363



94.4276, 0.3192, 0.3312



73.6960, 0.3187, 0.3044



19.9928, 0.3204, 0.3317



0.0000, 0.0000, 0.0000



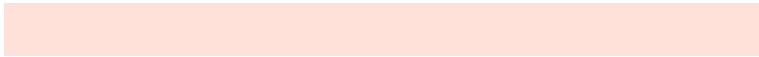
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9838, 0.3348, 0.3363



80.3252, 0.3396, 0.3378



84.3639, 0.3328, 0.3517



17.0905, 0.3288, 0.3344



12.1216, 0.6127, 0.3517



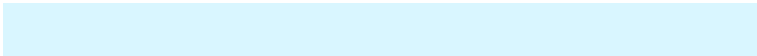
1.2139, 0.5891, 0.3705

Inverse Universe

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



82.0155, 0.2932, 0.3216



88.0564, 0.2895, 0.3201



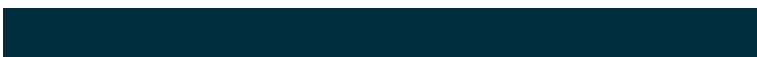
73.5498, 0.2928, 0.3053



18.0847, 0.2980, 0.3235



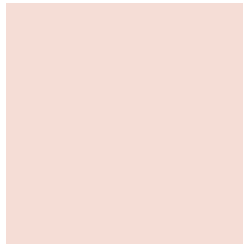
23.5102, 0.2040, 0.2543



2.2182, 0.2069, 0.2647

Previews

White Background



This preview shows how the Yxy color 75.9804, 0.3348, 0.3363 looks on a white background.

Color Contrast Check

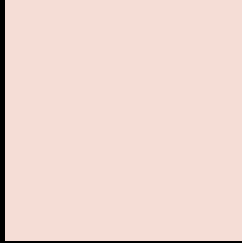
Large Text (above 18pt) WCAG AA × Fail

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 75.9804, 0.3348, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

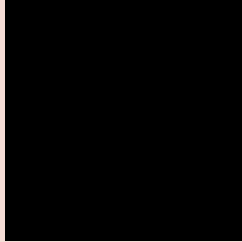
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

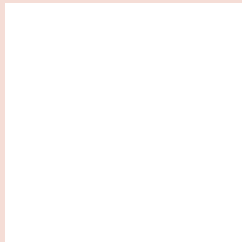
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9804, 0.3348, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 75.9804, 0.3348, 0.3363.

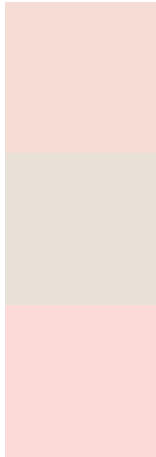


This preview shows how white text looks on a background with the Yxy color 75.9804, 0.3348, 0.3363.

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

75.9804, 0.3348, 0.3363

Protanopia

75.9641, 0.3236, 0.3386

Deuteranopia

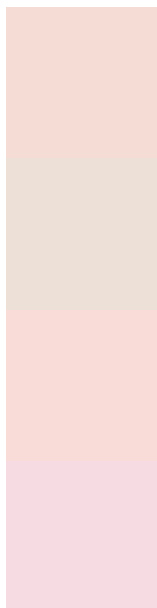
75.7446, 0.3398, 0.3321



Tritanopia

76.0974, 0.3228, 0.3119

Trichromacy



Original Color

75.9804, 0.3348, 0.3363

Protanomaly

76.2221, 0.3279, 0.3385

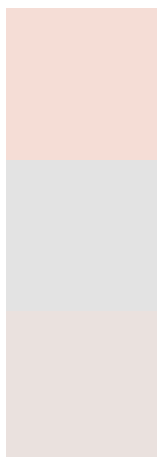
Deuteranomaly

75.7091, 0.3374, 0.3332

Tritanomaly

75.9832, 0.3275, 0.3209

Monochromacy



Original Color

75.9804, 0.3348, 0.3363

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6168, 0.3210, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9804, 0.3348, 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(245, 221, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 214) }
```

Border

The CSS property to change the border of an element to Yxy 75.9804, 0.3348, 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(245, 221, 214) }
```

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

```
.border{ border-color:rgb(245, 221, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9804, 0.3348, 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(245, 221, 214) }
```

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

```
.background{ background-color: rgb(245,  
221, 214) }
```

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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