

Converting Colors

$Yxy(77.3411, 0.3356, 0.3377)$

Have a look what the booklet for
Yxy(77.3411, 0.3356, 0.3377)
contains.

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Color

Yxy(77.4045, 0.3360, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	F7DFD6
RGB	247, 223, 214
RGB Percent	97%, 87%, 84%
CMY	0.0315, 0.1254, 0.1607
CMYK	0.00, 0.10, 0.13, 0.03
HSL	16°, 67%, 90%
HSV	16°, 13%, 97%
XYZ	76.8783, 77.4045, 74.5216
YIQ	229.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

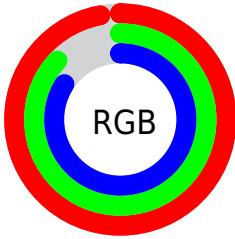
Format	Color
R _Y B	247, 226, 214
Decimal	16244694
CIE Lab	90.51, 6.78, 7.38
CIE LCh	91, 10.021, 47.430
Yxy	77.4045, 0.3360, 0.3383
Android (android.graphics.Color)	4294434774 (0xFFF7DFD6)
YUV	229.1500, -7.4689, 15.6545
Hunter-Lab	87.9798, 2.0116, 11.3655

Details

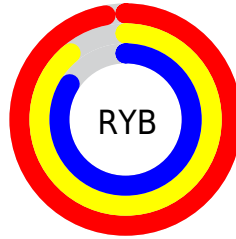
The Yxy color **77.4045, 0.3360, 0.3383** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1536, 0.2921, 0.3195**, and the grayscale version is **78.5183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4556, 0.3413, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **67.1459, 0.3574, 0.3458**, and if you desaturate by 10%, it is **88.8793, 0.3180, 0.3312**.

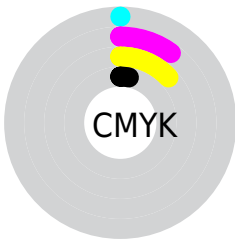
Distribution



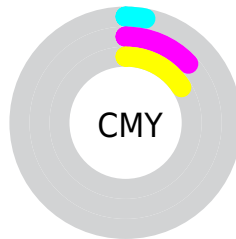
- Red (97%)
- Green (87%)
- Blue (84%)



- Red (97%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4045, 0.3360, 0.3383 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 77.4045, 0.3360, 0.3383 by changing the saturation by 10% instead.

 77.4045, 0.3360,
0.3383

 77.4045, 0.3360,
0.3383

486.1421, 0.3253,
0.3341

 57.5849, 0.3384,
0.3392


129.7103, 0.3323,
0.3369

 41.4750, 0.3414,
0.3403


162.9653, 0.3308,
0.3363

 28.6905, 0.3452,
0.3417


201.4676, 0.3296,
0.3358

 18.8468, 0.3502,
0.3435

245.6016, 0.3285,
0.3354

 11.5596, 0.3569,
0.3458

295.7517, 0.3276,
0.3350

 6.4446, 0.3665,
0.3490

352.3021, 0.3267,

 3.1172, 0.3815,

0.3347

0.3536

415.6375, 0.3260,
0.3344

■ 1.1932, 0.4095,
0.3625

■ 0.0562, 0.7958,
0.2042

■ 77.4045, 0.3360,
0.3383

■ 77.4045, 0.3360,
0.3383

■ 67.1459, 0.3574,
0.3458

■ 88.8793, 0.3180,
0.3312

■ 58.0530, 0.3829,
0.3534

■ 98.5095, 0.3078,
0.3290

■ 50.0867, 0.4127,
0.3608

■ 43.2021, 0.4468,
0.3673

■ 37.3508, 0.4843,
0.3719

■ 32.4807, 0.5230,
0.3735

■ 28.5347, 0.5596,
0.3709

■ 25.4488, 0.5899,
0.3638

■ 23.8289, 0.6056,
0.3574

Harmonies

Analogous

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



77.4045, 0.3318, 0.3281



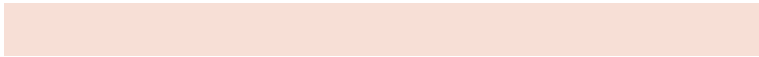
77.4045, 0.3360, 0.3383



77.4045, 0.3338, 0.3463

Triad

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



77.4045, 0.3360, 0.3383



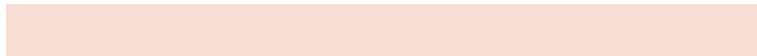
77.4045, 0.3029, 0.3400



77.4045, 0.2994, 0.3089

Complementary

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



77.4045, 0.3360, 0.3383



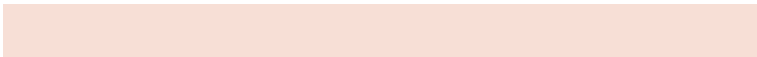
82.1536, 0.2921, 0.3195

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.



77.4045, 0.2920, 0.3116



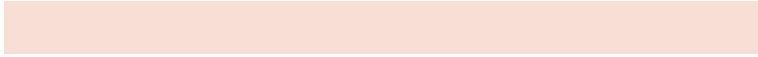
77.4045, 0.3360, 0.3383



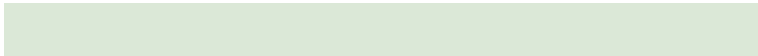
77.4045, 0.2940, 0.3294

Square

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



77.4045, 0.3360, 0.3383



77.4045, 0.3146, 0.3475



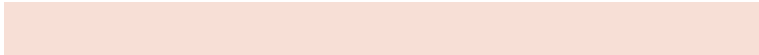
77.4045, 0.2900, 0.3190



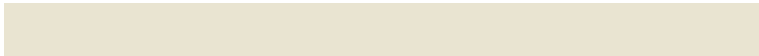
77.4045, 0.3105, 0.3114

Rectangle

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



77.4045, 0.3360, 0.3383



77.4045, 0.3291, 0.3492



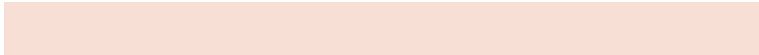
77.4045, 0.2900, 0.3190



77.4045, 0.2964, 0.3092

Sweetspot

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



77.4079, 0.3360, 0.3383



94.7189, 0.3191, 0.3317



74.0585, 0.3202, 0.3046



20.0663, 0.3204, 0.3322



0.0000, 0.0000, 0.0000



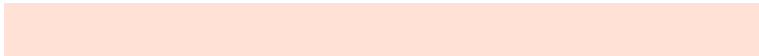
21.4041, 0.3127, 0.3290

Same Dimension

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



77.4079, 0.3360, 0.3383



80.1548, 0.3414, 0.3403



86.5261, 0.3338, 0.3546



17.2181, 0.3287, 0.3355



12.8068, 0.6027, 0.3597



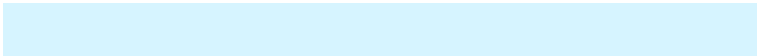
1.2897, 0.5784, 0.3790

Inverse Universe

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



82.1536, 0.2921, 0.3195



86.1689, 0.2879, 0.3174



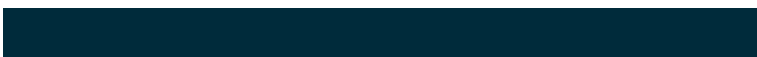
73.1031, 0.2916, 0.3020



17.9485, 0.2980, 0.3224



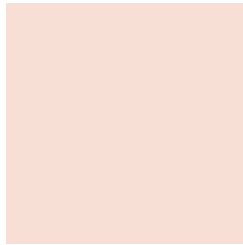
20.9817, 0.1994, 0.2378



2.0145, 0.2030, 0.2506

Previews

White Background



This preview shows how the Yxy color 77.4045, 0.3360, 0.3383 looks on a white background.

Color Contrast Check

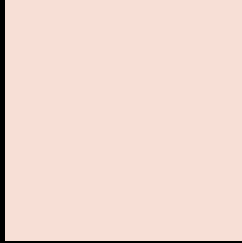
Large Text (above 18pt) WCAG AA × Fail

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 77.4045, 0.3360, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

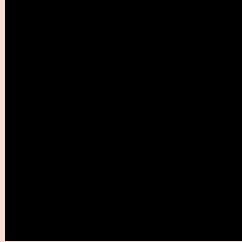
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

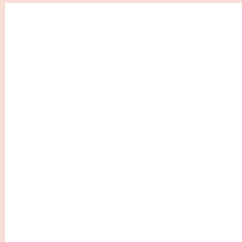
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.4045, 0.3360, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 77.4045, 0.3360, 0.3383.

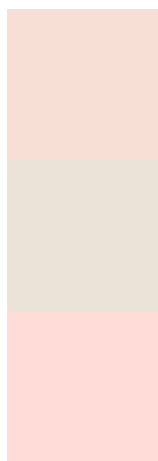


This preview shows how white text looks on a background with the Yxy color 77.4045, 0.3360, 0.3383.

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

77.4045, 0.3360, 0.3383

Protanopia

77.5582, 0.3255, 0.3406

Deuteranopia

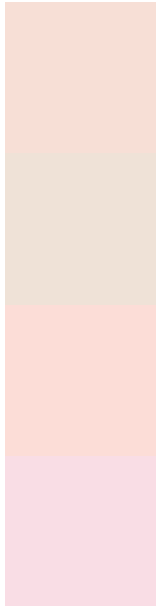
77.3527, 0.3417, 0.3341



Tritanopia

77.6248, 0.3228, 0.3120

Trichromacy



Original Color

77.4045, 0.3360, 0.3383

Protanomaly

77.6497, 0.3292, 0.3405

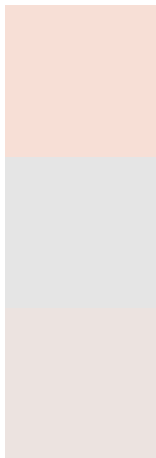
Deuteranomaly

77.3146, 0.3393, 0.3352

Tritanomaly

77.5098, 0.3274, 0.3210

Monochromacy



Original Color

77.4045, 0.3360, 0.3383

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.1529, 0.3209, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4045, 0.3360, 0.3383 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, 223, 214)` looks like.

```
.text, #text, p{  
    color:rgb(247, 223, 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(247, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 223, 214) }
```

Border

The CSS property to change the border of an element to Yxy 77.4045, 0.3360, 0.3383 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, 223, 214) }
```

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

```
.border{ border-color:rgb(247, 223, 214) }
```

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

Here you see how a box with a 4 pixel rgb(247, 223, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(247, 223,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4045, 0.3360, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 223, 214) }
```

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

```
.background{ background-color: rgb(247,  
223, 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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