

Converting Colors

$Y_{xy}(76.0353, 0.3435, 0.3441)$

Have a look what the booklet for
Yxy(76.0353, 0.3435, 0.3441)
contains.

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Color

Yxy(76.3089, 0.3434, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	F9DDCE
RGB	249, 221, 206
RGB Percent	98%, 87%, 81%
CMY	0.0236, 0.1333, 0.1920
CMYK	0.00, 0.11, 0.17, 0.02
HSL	21°, 78%, 89%
HSV	21°, 17%, 98%
XYZ	76.0652, 76.3089, 69.1321
YIQ	227.6620, 21.5030, 1.2710

Conversions

Conversions Part 2

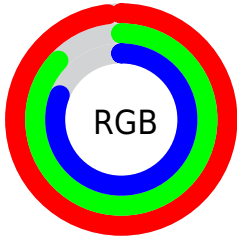
Format	Color
R _Y B	249, 229, 206
Decimal	16375246
CIE Lab	90.00, 7.31, 10.87
CIE LCh	90, 13.094, 56.077
Yxy	76.3089, 0.3434, 0.3445
Android (android.graphics.Color)	4294565326 (0xFFF9DDCE)
YUV	227.6620, -10.6794, 18.7134
Hunter-Lab	87.3550, 2.5595, 14.2268

Details

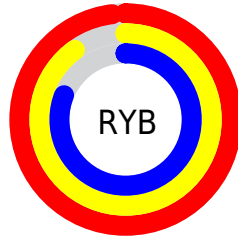
The Yxy color **76.3089, 0.3434, 0.3445** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8233, 0.2858, 0.3130**, and the grayscale version is **77.3940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7459, 0.3502, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **67.0398, 0.3655, 0.3541**, and if you desaturate by 10%, it is **86.6042, 0.3246, 0.3353**.

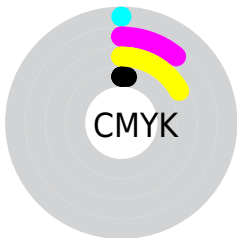
Distribution



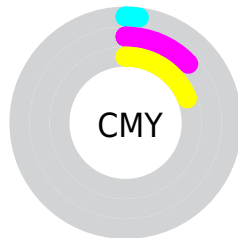
- Red (98%)
- Green (87%)
- Blue (81%)



- Red (98%)
- Yellow (90%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3089, 0.3434, 0.3445 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 76.3089, 0.3434, 0.3445 by changing the saturation by 10% instead.


 76.3089, 0.3434,
0.3445

 76.3089, 0.3434,
0.3445

482.4045, 0.3292,
0.3376

 56.6858, 0.3466,
0.3460


128.1635, 0.3385,
0.3421

 40.7531, 0.3506,
0.3479


161.1637, 0.3366,
0.3412

 28.1262, 0.3557,
0.3502


199.3919, 0.3349,
0.3404

 18.4208, 0.3622,
0.3532

243.2323, 0.3335,
0.3397

 11.2525, 0.3712,
0.3571

293.0694, 0.3322,
0.3391

 6.2370, 0.3840,
0.3624

349.2875, 0.3311,

 2.9897, 0.4038,

0.3385

0.3700

412.2711, 0.3301,
0.3380

1.1264, 0.4514,
0.3930

0.0003, 0.9984,
0.0016

76.3089, 0.3434,
0.3445

76.3089, 0.3434,
0.3445

67.0398, 0.3655,
0.3541

86.6042, 0.3246,
0.3353

58.7542, 0.3912,
0.3638

97.8927, 0.3091,
0.3275

51.4216, 0.4207,
0.3729

98.8787, 0.3090,
0.3290

45.0055, 0.4534,
0.3807

■ 39.4673, 0.4882,
0.3859

■ 34.7649, 0.5230,
0.3872

■ 30.8522, 0.5549,
0.3836

■ 27.6759, 0.5807,
0.3749

■ 26.9195, 0.5869,
0.3722

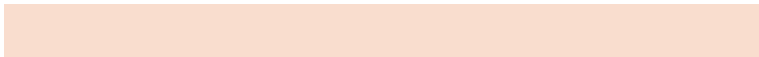
Harmonies

Analogous

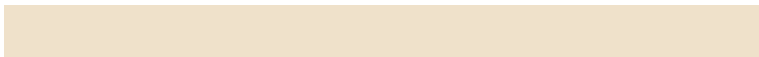
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3089, 0.3402, 0.3317



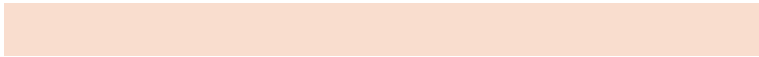
76.3089, 0.3434, 0.3445



76.3089, 0.3381, 0.3536

Triad

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



76.3089, 0.3434, 0.3445



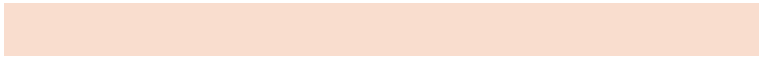
76.3089, 0.2959, 0.3397



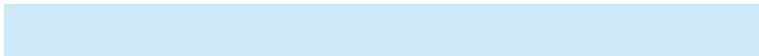
76.3089, 0.2991, 0.3031

Complementary

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



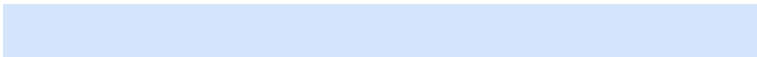
76.3089, 0.3434, 0.3445



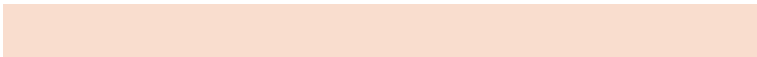
78.8233, 0.2858, 0.3130

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.



76.3089, 0.2877, 0.3045



76.3089, 0.3434, 0.3445



76.3089, 0.2859, 0.3253

Square

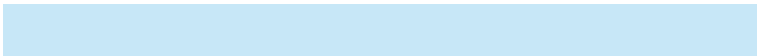
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3089, 0.3434, 0.3445



76.3089, 0.3105, 0.3512



76.3089, 0.2830, 0.3125



76.3089, 0.3143, 0.3082

Rectangle

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



76.3089, 0.3434, 0.3445



76.3089, 0.3306, 0.3562



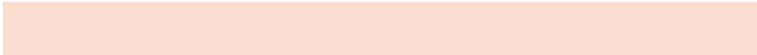
76.3089, 0.2830, 0.3125



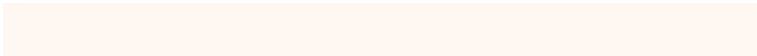
76.3089, 0.2947, 0.3028

Sweetspot

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



76.3123, 0.3434, 0.3445



94.0202, 0.3207, 0.3333



70.2762, 0.3248, 0.3000



19.9491, 0.3219, 0.3339



0.0000, 0.0000, 0.0000



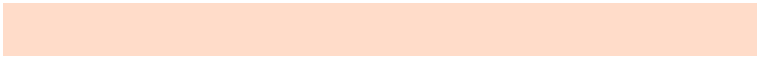
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3123, 0.3434, 0.3445



76.7442, 0.3513, 0.3481



88.0020, 0.3399, 0.3652



18.2145, 0.3285, 0.3373



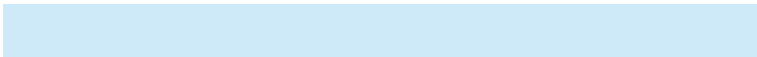
14.6496, 0.5840, 0.3745



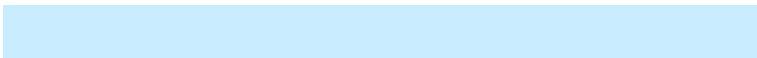
1.5470, 0.5612, 0.3926

Inverse Universe

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



78.8233, 0.2858, 0.3130



79.8849, 0.2799, 0.3091



67.6511, 0.2847, 0.2901



18.5306, 0.2980, 0.3205



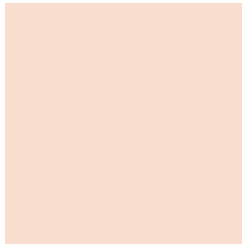
17.8106, 0.1918, 0.2105



1.8479, 0.1962, 0.2263

Previews

White Background



This preview shows how the Yxy color 76.3089, 0.3434, 0.3445 looks on a white background.

Color Contrast Check

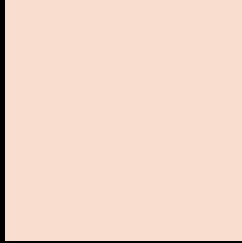
Large Text (above 18pt) WCAG AA × Fail

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 76.3089, 0.3434, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

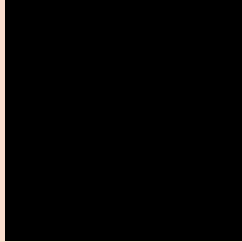
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

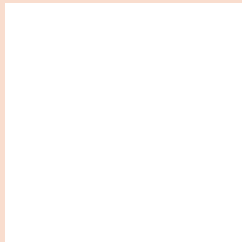
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3089, 0.3434, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 76.3089, 0.3434, 0.3445.

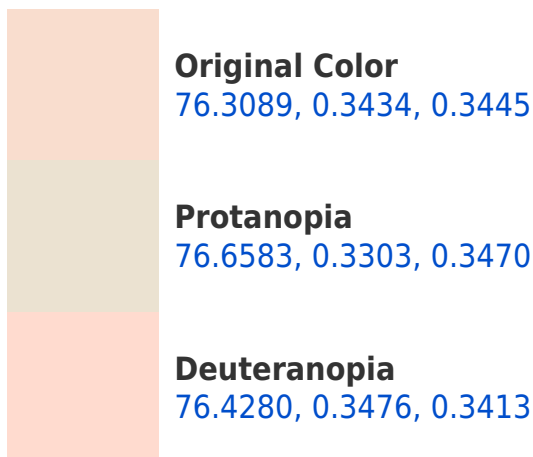


This preview shows how white text looks on a background with the Yxy color 76.3089, 0.3434, 0.3445.

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

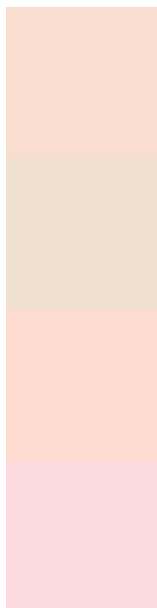




Tritanopia

76.4489, 0.3272, 0.3120

Trichromacy



Original Color

76.3089, 0.3434, 0.3445

Protanomaly

76.3906, 0.3349, 0.3458

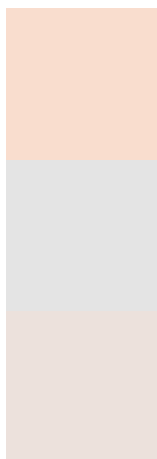
Deuteranomaly

76.5740, 0.3459, 0.3423

Tritanomaly

76.2201, 0.3334, 0.3230

Monochromacy



Original Color

76.3089, 0.3434, 0.3445

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8506, 0.3238, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3089, 0.3434, 0.3445 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(249, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(249, 221, 206)  
}
```

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(249, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 221, 206) }
```

Border

The CSS property to change the border of an element to Yxy 76.3089, 0.3434, 0.3445 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(249, 221, 206) }
```

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

```
.border{ border-color:rgb(249, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(249, 221,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3089, 0.3434, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 221, 206) }
```

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

```
.background{ background-color: rgb(249,  
221, 206) }
```

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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