

Converting Colors

$Yxy(76.1049, 0.3448, 0.3458)$

Have a look what the booklet for
Yxy(76.1049, 0.3448, 0.3458)
contains.

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Color

Yxy(76.2123, 0.3448, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	F9DDCC
RGB	249, 221, 204
RGB Percent	98%, 87%, 80%
CMY	0.0236, 0.1333, 0.1999
CMYK	0.00, 0.11, 0.18, 0.02
HSL	23°, 79%, 89%
HSV	23°, 18%, 98%
XYZ	75.8165, 76.2123, 67.8567
YIQ	227.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

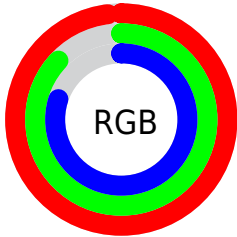
Format	Color
RYB	249, 231, 204
Decimal	16375244
CIELab	89.96, 6.99, 11.85
CIElCh	90, 13.762, 59.455
Yxy	76.2123, 0.3448, 0.3466
Android (android.graphics.Color)	4294565324 (0xFFF9DDCC)
YUV	227.4340, -11.5530, 18.9134
Hunter-Lab	87.2997, 2.2462, 15.0246

Details

The Yxy color **76.2123, 0.3448, 0.3466** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3810, 0.2845, 0.3107**, and the grayscale version is **77.2230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6809, 0.3521, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **67.3102, 0.3668, 0.3570**, and if you desaturate by 10%, it is **86.0665, 0.3259, 0.3366**.

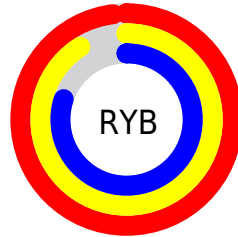
Distribution



Red (98%)

Green (87%)

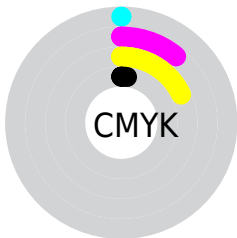
Blue (80%)



Red (98%)

Yellow (91%)

Blue (80%)

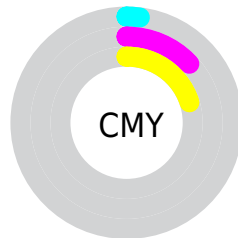


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2123, 0.3448, 0.3466 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 76.2123, 0.3448, 0.3466 by changing the saturation by 10% instead.


 76.2123, 0.3448,
0.3466

 76.2123, 0.3448,
0.3466


482.0741, 0.3300,
0.3387

 56.6066, 0.3482,
0.3483

128.0270, 0.3397,
0.3439

 40.6895, 0.3523,
0.3505


161.0047, 0.3377,
0.3428

 28.0765, 0.3576,
0.3531


199.2086, 0.3359,
0.3419

 18.3834, 0.3645,
0.3565

243.0231, 0.3344,
0.3411

 11.2256, 0.3738,
0.3610

292.8324, 0.3331,
0.3404

 6.2188, 0.3871,
0.3671

349.0212, 0.3320,

 2.9786, 0.4077,

0.3398

0.3758

411.9736, 0.3309,
0.3392

■ 1.1205, 0.4612,
0.4046

■ 0.0000, 1.0000,
0.0000

■ 76.2123, 0.3448,
0.3466

■ 76.2123, 0.3448,
0.3466

■ 67.3102, 0.3668,
0.3570

■ 86.0665, 0.3259,
0.3366

■ 59.3206, 0.3923,
0.3675

■ 96.8906, 0.3098,
0.3272

■ 52.2159, 0.4212,
0.3773

■ 98.8741, 0.3090,
0.3290

■ 45.9634, 0.4529,
0.3856

■ 40.5278, 0.4865,
0.3912

■ 35.8710, 0.5197,
0.3928

■ 31.9509, 0.5499,
0.3892

■ 28.7179, 0.5746,
0.3805

■ 28.1593, 0.5789,
0.3785

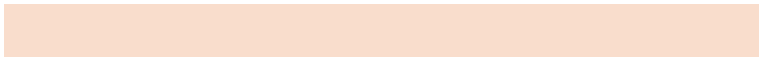
Harmonies

Analogous

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



76.2123, 0.3425, 0.3334



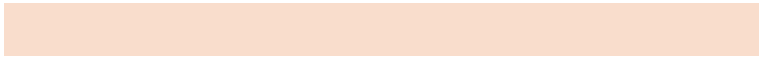
76.2123, 0.3448, 0.3466



76.2123, 0.3383, 0.3556

Triad

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



76.2123, 0.3448, 0.3466



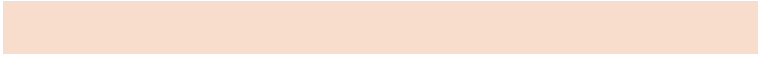
76.2123, 0.2936, 0.3386



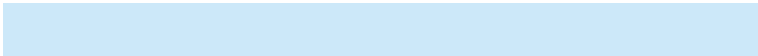
76.2123, 0.3000, 0.3020

Complementary

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



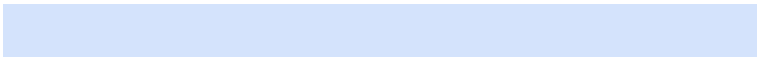
76.2123, 0.3448, 0.3466



77.3810, 0.2845, 0.3107

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.



76.2123, 0.2875, 0.3027



76.2123, 0.3448, 0.3466



76.2123, 0.2838, 0.3234

Square

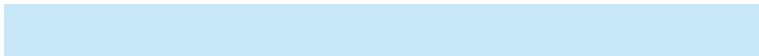
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2123, 0.3448, 0.3466



76.2123, 0.3085, 0.3513



76.2123, 0.2816, 0.3103



76.2123, 0.3163, 0.3082

Rectangle

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



76.2123, 0.3448, 0.3466



76.2123, 0.3299, 0.3578



76.2123, 0.2816, 0.3103



76.2123, 0.2953, 0.3015

Sweetspot

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



76.2157, 0.3448, 0.3466



94.2499, 0.3207, 0.3337



69.1864, 0.3265, 0.3001



20.0049, 0.3219, 0.3344



0.0000, 0.0000, 0.0000



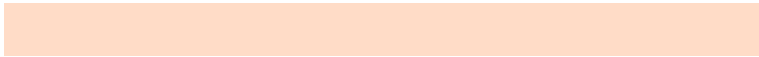
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2157, 0.3448, 0.3466



76.6209, 0.3532, 0.3507



88.5823, 0.3410, 0.3683



18.3004, 0.3284, 0.3380



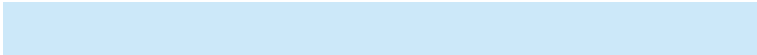
15.3290, 0.5760, 0.3808



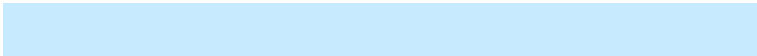
1.6166, 0.5537, 0.3986

Inverse Universe

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



77.3810, 0.2845, 0.3107



78.0768, 0.2782, 0.3062



65.7811, 0.2832, 0.2864



18.4416, 0.2980, 0.3198



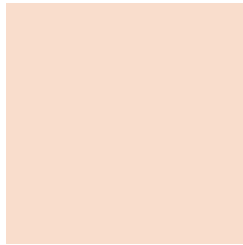
16.4703, 0.1889, 0.2000



1.7295, 0.1936, 0.2171

Previews

White Background



This preview shows how the Yxy color 76.2123, 0.3448, 0.3466 looks on a white background.

Color Contrast Check

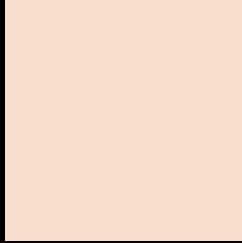
Large Text (above 18pt) WCAG AA × Fail

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 76.2123, 0.3448, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

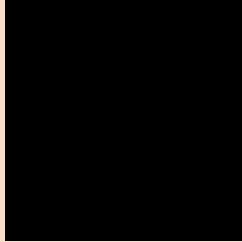
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2123, 0.3448, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 76.2123, 0.3448, 0.3466.

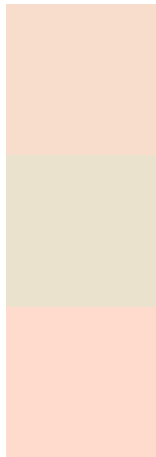


This preview shows how white text looks on a background with the Yxy color 76.2123, 0.3448, 0.3466.

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

76.2123, 0.3448, 0.3466

Protanopia

76.5111, 0.3323, 0.3503

Deuteranopia

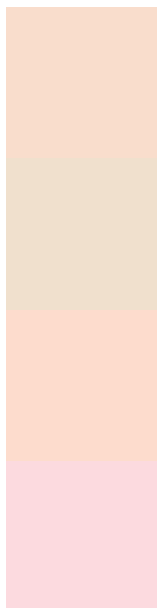
76.3793, 0.3483, 0.3423



Tritanopia

76.4489, 0.3272, 0.3120

Trichromacy



Original Color

76.2123, 0.3448, 0.3466

Protanomaly

76.2444, 0.3370, 0.3490

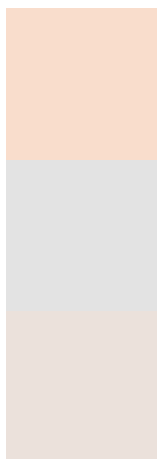
Deuteranomaly

76.4768, 0.3473, 0.3444

Tritanomaly

76.1660, 0.3341, 0.3240

Monochromacy



Original Color

76.2123, 0.3448, 0.3466

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6271, 0.3237, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2123, 0.3448, 0.3466 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(249, 221, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 221, 204) }
```

Border

The CSS property to change the border of an element to Yxy 76.2123, 0.3448, 0.3466 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, 204) }
```

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

```
.border{ border-color:rgb(249, 221, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(249, 221,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2123, 0.3448, 0.3466 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, 204) }
```

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

```
.background{ background-color: rgb(249,  
221, 204) }
```

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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