

Converting Colors

$Yxy(76.4974, 0.3418, 0.3499)$

Have a look what the booklet for
Yxy(76.4974, 0.3418, 0.3499)
contains.

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Color

Yxy(76.4996, 0.3422, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	F5DFCB
RGB	245, 223, 203
RGB Percent	96%, 87%, 80%
CMY	0.0393, 0.1254, 0.2039
CMYK	0.00, 0.09, 0.17, 0.04
HSL	29°, 68%, 88%
HSV	29°, 17%, 96%
XYZ	74.8161, 76.4996, 67.3170
YIQ	227.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

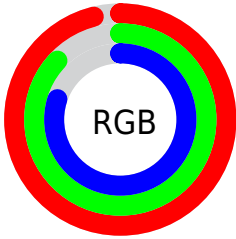
Format	Color
R _Y B	245, 241, 203
Decimal	16113611
CIE Lab	90.09, 4.37, 12.54
CIE LCh	90, 13.276, 70.772
Yxy	76.4996, 0.3422, 0.3499
Android (android.graphics.Color)	4294303691 (0xFFF5DFCB)
YUV	227.2980, -11.9789, 15.5247
Hunter-Lab	87.4640, -0.3745, 15.5921

Details

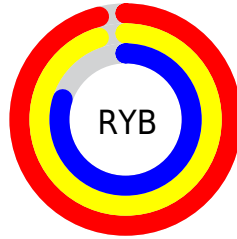
The Yxy color **76.4996, 0.3422, 0.3499** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1122, 0.2858, 0.3072**, and the grayscale version is **77.1221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8666, 0.3486, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **68.8347, 0.3628, 0.3629**, and if you desaturate by 10%, it is **84.8741, 0.3241, 0.3375**.

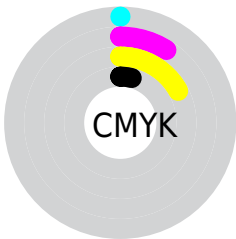
Distribution



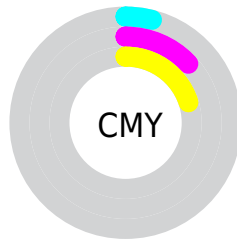
- Red (96%)
- Green (87%)
- Blue (80%)



- Red (96%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4996, 0.3422, 0.3499 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 76.4996, 0.3422, 0.3499 by changing the saturation by 10% instead.


 76.4996, 0.3422,
0.3499

 76.4996, 0.3422,
0.3499


483.0562, 0.3286,
0.3404

 56.8423, 0.3453,
0.3520


128.4329, 0.3375,
0.3467

 40.8786, 0.3491,
0.3546


161.4776, 0.3357,
0.3454

 28.2243, 0.3539,
0.3578


199.7536, 0.3341,
0.3443

 18.4948, 0.3602,
0.3620

243.6452, 0.3327,
0.3433

 11.3058, 0.3686,
0.3675

293.5369, 0.3315,
0.3425

 6.2729, 0.3807,
0.3752

349.8131, 0.3304,

 3.0117, 0.3992,

0.3417

412.8580, 0.3295,
0.3410

0.3865

1.1379, 0.4507,
0.4229

0.0101, 0.9204,
0.0796

76.4996, 0.3422,
0.3499

76.4996, 0.3422,
0.3499

68.8347, 0.3628,
0.3629

84.8741, 0.3241,
0.3375

61.8492, 0.3861,
0.3759

93.9672, 0.3084,
0.3257

55.5254, 0.4120,
0.3883

98.1482, 0.3066,
0.3290

49.8408, 0.4398,
0.3992

■ 44.7714, 0.4687,
0.4074

■ 40.2910, 0.4970,
0.4115

■ 36.3709, 0.5229,
0.4104

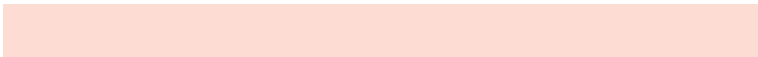
■ 32.9768, 0.5445,
0.4038

■ 32.0915, 0.5502,
0.4014

Harmonies

Analogous

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



76.4996, 0.3432, 0.3383



76.4996, 0.3422, 0.3499



76.4996, 0.3331, 0.3562

Triad

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



76.4996, 0.3422, 0.3499



76.4996, 0.2900, 0.3328



76.4996, 0.3062, 0.3045

Complementary

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



76.4996, 0.3422, 0.3499



73.1122, 0.2858, 0.3072

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.



76.4996, 0.2923, 0.3026



76.4996, 0.3422, 0.3499



76.4996, 0.2831, 0.3184

Square

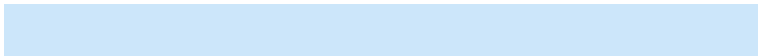
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4996, 0.3422, 0.3499



76.4996, 0.3029, 0.3464



76.4996, 0.2840, 0.3075



76.4996, 0.3222, 0.3125

Rectangle

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



76.4996, 0.3422, 0.3499



76.4996, 0.3238, 0.3563



76.4996, 0.2840, 0.3075



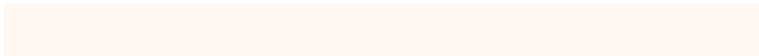
76.4996, 0.3011, 0.3031

Sweetspot

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



76.5030, 0.3422, 0.3499



95.0241, 0.3206, 0.3349



67.5739, 0.3288, 0.3058



20.1928, 0.3218, 0.3357



0.0000, 0.0000, 0.0000



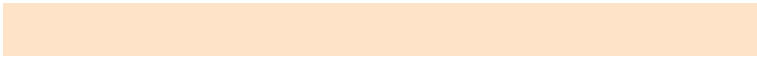
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5030, 0.3422, 0.3499



80.4301, 0.3499, 0.3549



88.1666, 0.3388, 0.3703



17.7863, 0.3282, 0.3403



17.5655, 0.5475, 0.4034



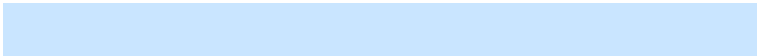
1.7483, 0.5273, 0.4195

Inverse Universe

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



73.1122, 0.2858, 0.3072



75.9944, 0.2794, 0.3016



62.6591, 0.2846, 0.2840



17.3612, 0.2980, 0.3174



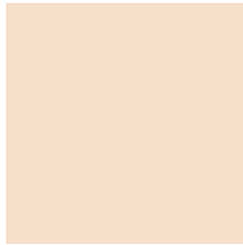
12.1701, 0.1793, 0.1655



1.2755, 0.1854, 0.1874

Previews

White Background



This preview shows how the Yxy color 76.4996, 0.3422, 0.3499 looks on a white background.

Color Contrast Check

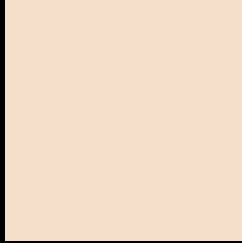
Large Text (above 18pt) WCAG AA × Fail

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 76.4996, 0.3422, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

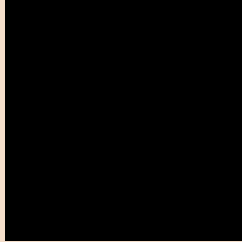
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4996, 0.3422, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 76.4996, 0.3422, 0.3499.

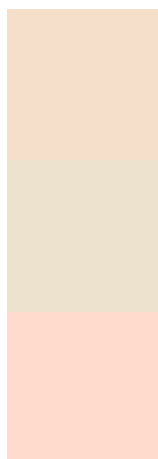


This preview shows how white text looks on a background with the Yxy color 76.4996, 0.3422, 0.3499.

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

76.4996, 0.3422, 0.3499

Protanopia

76.6334, 0.3337, 0.3513

Deuteranopia

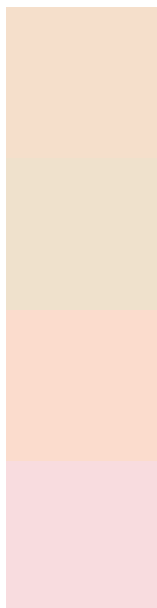
76.3793, 0.3483, 0.3423



Tritanopia

76.2807, 0.3236, 0.3119

Trichromacy



Original Color

76.4996, 0.3422, 0.3499

Protanomaly

76.5608, 0.3368, 0.3512

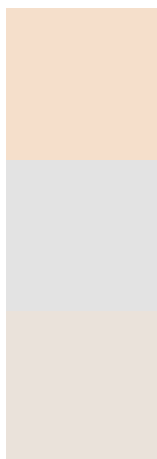
Deuteranomaly

76.1034, 0.3458, 0.3445

Tritanomaly

76.4706, 0.3309, 0.3260

Monochromacy



Original Color

76.4996, 0.3422, 0.3499

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.9471, 0.3236, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4996, 0.3422, 0.3499 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, 223, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 203)  
}
```

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, 223, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 203) }
```

Border

The CSS property to change the border of an element to Yxy 76.4996, 0.3422, 0.3499 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, 223, 203) }
```

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

```
.border{ border-color:rgb(245, 223, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 223, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4996, 0.3422, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 203) }
```

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

```
.background{ background-color: rgb(245,  
223, 203) }
```

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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