

Converting Colors

$Yxy(74.6449, 0.3403, 0.3474)$

Have a look what the booklet for
Yxy(74.6449, 0.3403, 0.3474)
contains.

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Color

Yxy(74.9019, 0.3403, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	F2DDCB
RGB	242, 221, 203
RGB Percent	95%, 87%, 80%
CMY	0.0511, 0.1333, 0.2040
CMYK	0.00, 0.09, 0.16, 0.05
HSL	28°, 60%, 87%
HSV	28°, 16%, 95%
XYZ	73.2446, 74.9019, 67.0889
YIQ	225.2270, 18.2940, -1.1460

Conversions

Conversions Part 2

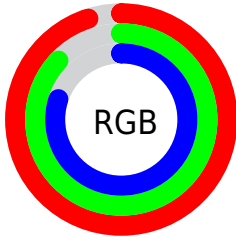
Format	Color
R_{YB}	242, 236, 203
Decimal	15916491
CIE _{Lab}	89.35, 4.32, 11.45
CIE _{LCh}	89, 12.235, 69.310
Yxy	74.9019, 0.3403, 0.3480
Android (android.graphics.Color)	4294106571 (0xFFF2DDCB)
YUV	225.2270, -10.9579, 14.7099
Hunter-Lab	86.5459, -0.3891, 14.6215

Details

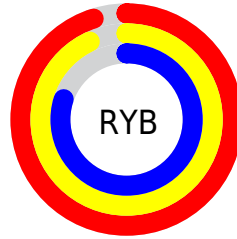
The Yxy color **74.9019, 0.3403, 0.3480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3831, 0.2875, 0.3092**, and the grayscale version is **75.5363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8815, 0.3471, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **67.2357, 0.3608, 0.3605**, and if you desaturate by 10%, it is **83.2869, 0.3224, 0.3360**.

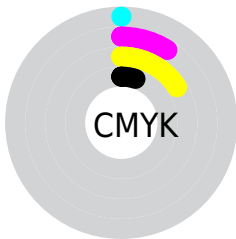
Distribution



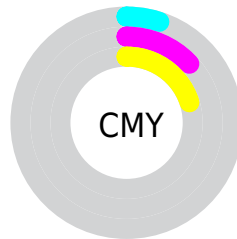
- Red (95%)
- Green (87%)
- Blue (80%)



- Red (95%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9019, 0.3403, 0.3480 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 74.9019, 0.3403, 0.3480 by changing the saturation by 10% instead.


 74.9019, 0.3403,
0.3480

 74.9019, 0.3403,
0.3480

477.5803, 0.3275,
0.3394

 55.5325, 0.3432,
0.3499

126.1735, 0.3359,
0.3450

 39.8282, 0.3468,
0.3523


158.8445, 0.3342,
0.3439

 27.4047, 0.3514,
0.3553


196.7182, 0.3327,
0.3429

 17.8774, 0.3573,
0.3591

240.1789, 0.3314,
0.3420

 10.8620, 0.3654,
0.3643

289.6111, 0.3302,
0.3412

 5.9741, 0.3770,
0.3714

345.3991, 0.3292,

 2.8293, 0.3950,

0.3405

0.3821

407.9274, 0.3283,
0.3399

1.0433, 0.4485,
0.4200

0.0000, 1.0000,
0.0000

74.9019, 0.3403,
0.3480

74.9019, 0.3403,
0.3480

67.2357, 0.3608,
0.3605

83.2869, 0.3224,
0.3360

60.2579, 0.3840,
0.3732

92.4001, 0.3070,
0.3247

53.9504, 0.4100,
0.3854

97.6118, 0.3047,
0.3290

48.2908, 0.4381,
0.3962

■ 43.2545, 0.4676,
0.4044

■ 38.8155, 0.4968,
0.4087

■ 34.9446, 0.5237,
0.4079

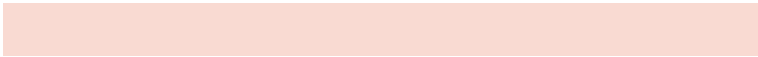
■ 31.6087, 0.5464,
0.4015

■ 30.4410, 0.5543,
0.3981

Harmonies

Analogous

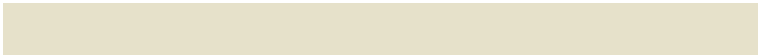
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9019, 0.3409, 0.3371



74.9019, 0.3403, 0.3480



74.9019, 0.3322, 0.3541

Triad

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



74.9019, 0.3403, 0.3480



74.9019, 0.2921, 0.3332



74.9019, 0.3060, 0.3060

Complementary

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



74.9019, 0.3403, 0.3480



72.3831, 0.2875, 0.3092

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.



74.9019, 0.2933, 0.3045



74.9019, 0.3403, 0.3480



74.9019, 0.2854, 0.3198

Square

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



74.9019, 0.3403, 0.3480



74.9019, 0.3043, 0.3456



74.9019, 0.2858, 0.3095



74.9019, 0.3208, 0.3132

Rectangle

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



74.9019, 0.3403, 0.3480



74.9019, 0.3237, 0.3544



74.9019, 0.2858, 0.3095



74.9019, 0.3013, 0.3048

Sweetspot

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



74.9052, 0.3403, 0.3480



94.9111, 0.3206, 0.3347



66.9834, 0.3272, 0.3066



20.1654, 0.3218, 0.3355



0.0000, 0.0000, 0.0000



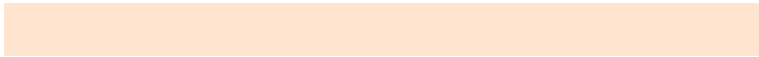
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9052, 0.3403, 0.3480



81.7588, 0.3460, 0.3517



85.5151, 0.3372, 0.3671



16.9637, 0.3282, 0.3400



16.6250, 0.5516, 0.4002



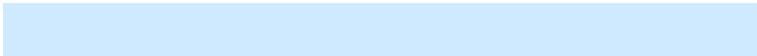
1.5801, 0.5298, 0.4176

Inverse Universe

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



72.3831, 0.2875, 0.3092



78.4674, 0.2827, 0.3052



62.7367, 0.2865, 0.2878



16.6361, 0.2980, 0.3178



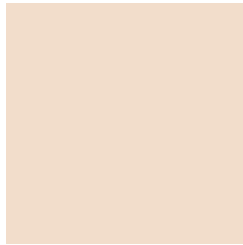
12.3077, 0.1807, 0.1705



1.2228, 0.1870, 0.1930

Previews

White Background



This preview shows how the Yxy color 74.9019, 0.3403, 0.3480 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 74.9019, 0.3403, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

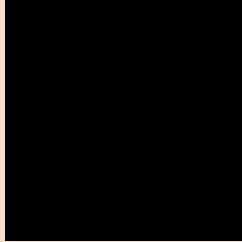
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9019, 0.3403, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 74.9019, 0.3403, 0.3480.

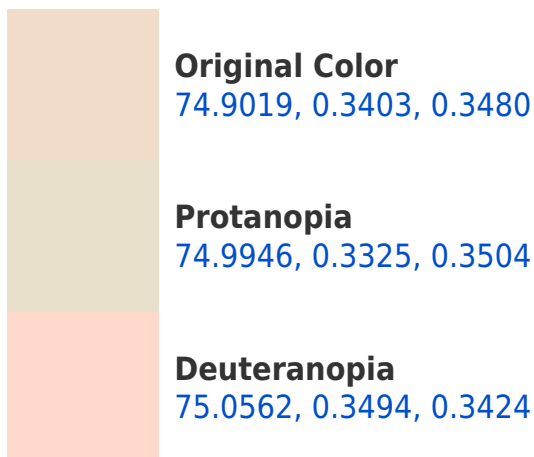


This preview shows how white text looks on a background with the Yxy color 74.9019, 0.3403, 0.3480.

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

75.1017, 0.3229, 0.3128

Trichromacy



Original Color

74.9019, 0.3403, 0.3480

Protanomaly

74.9679, 0.3349, 0.3492

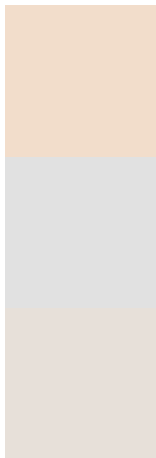
Deuteranomaly

74.8264, 0.3461, 0.3435

Tritanomaly

74.8292, 0.3296, 0.3249

Monochromacy



Original Color

74.9019, 0.3403, 0.3480

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3100, 0.3223, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9019, 0.3403, 0.3480 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(242, 221, 203)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 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(242, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 203) }
```

Border

The CSS property to change the border of an element to Yxy 74.9019, 0.3403, 0.3480 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(242, 221, 203) }
```

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

```
.border{ border-color:rgb(242, 221, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 221, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 203);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9019, 0.3403, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 203) }
```

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

```
.background{ background-color: rgb(242,  
221, 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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