

Converting Colors

$Y_{xy}(75.2675, 0.3423, 0.3554)$

Have a look what the booklet for
Yxy(75.2675, 0.3423, 0.3554)
contains.

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Color

$\text{Yxy}(75.3778, 0.3420, 0.3555)$

Conversions

Conversions Part 1

Format	Color
Hex	F0DFC6
RGB	240, 223, 198
RGB Percent	94%, 87%, 78%
CMY	0.0588, 0.1255, 0.2236
CMYK	0.00, 0.07, 0.18, 0.06
HSL	36°, 58%, 86%
HSV	36°, 18%, 94%
XYZ	72.5154, 75.3778, 64.1400
YIQ	225.2330, 18.1570, -4.1710

Conversions

Conversions Part 2

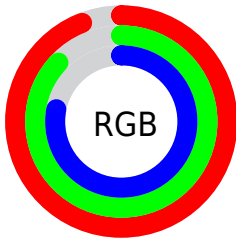
Format	Color
R _Y B	227, 240, 198
Decimal	15785926
CIE Lab	89.57, 1.84, 14.36
CIE LCh	90, 14.477, 82.712
Yxy	75.3778, 0.3420, 0.3555
Android (android.graphics.Color)	4293976006 (0xFFFF0DFC6)
YUV	225.2330, -13.4259, 12.9507
Hunter-Lab	86.8204, -2.8464, 16.9728

Details

The Yxy color **75.3778, 0.3420, 0.3555** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8856, 0.2849, 0.3010**, and the grayscale version is **75.5615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2092, 0.3492, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **69.3197, 0.3614, 0.3714**, and if you desaturate by 10%, it is **81.9157, 0.3246, 0.3401**.

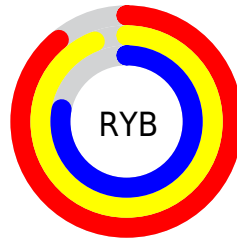
Distribution



Red (94%)

Green (87%)

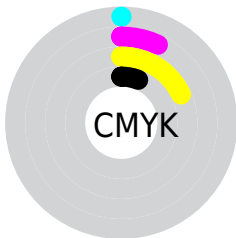
Blue (78%)



Red (89%)

Yellow (94%)

Blue (78%)

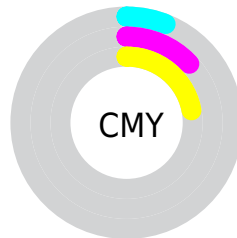


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (6%)



Cyan (6%)

Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3778, 0.3420, 0.3555 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 75.3778, 0.3420, 0.3555 by changing the saturation by 10% instead.

 75.3778, 0.3420,
0.3555

 75.3778, 0.3420,
0.3555


479.2151, 0.3285,
0.3434

 55.9225, 0.3451,
0.3582


126.8470, 0.3373,
0.3513

 40.1408, 0.3488,
0.3616


159.6297, 0.3355,
0.3497

 27.6483, 0.3536,
0.3658

197.6235, 0.3339,
0.3483

 18.0607, 0.3598,
0.3713

241.2130, 0.3326,
0.3470

 10.9936, 0.3682,
0.3786

290.7825, 0.3314,
0.3460

 6.0625, 0.3801,
0.3889

346.7165, 0.3303,

 2.8831, 0.3981,

0.3450

0.4042

409.3992, 0.3294,
0.3441

■ 1.0710, 0.4671,
0.4676

■ 0.0000, 0.0000,
0.0000

■ 75.3778, 0.3420,
0.3555

■ 75.3778, 0.3420,
0.3555

■ 69.3197, 0.3614,
0.3714

■ 81.9157, 0.3246,
0.3401

■ 63.7180, 0.3826,
0.3874

■ 88.9357, 0.3090,
0.3254

■ 58.5621, 0.4054,
0.4026

■ 95.4503, 0.3036,
0.3262

■ 53.8372, 0.4291,
0.4161

■ 97.2664, 0.3035,
0.3290

■ 49.5270, 0.4527,
0.4267

■ 45.6138, 0.4750,
0.4333

■ 42.0774, 0.4948,
0.4347

■ 38.8930, 0.5111,
0.4308

■ 38.1469, 0.5149,
0.4294

Harmonies

Analogous

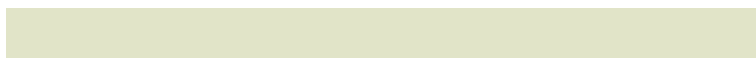
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3778, 0.3469, 0.3447



75.3778, 0.3420, 0.3555



75.3778, 0.3292, 0.3594

Triad

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



75.3778, 0.3420, 0.3555



75.3778, 0.2839, 0.3266



75.3778, 0.3125, 0.3050

Complementary

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



75.3778, 0.3420, 0.3555



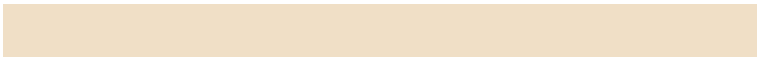
66.8856, 0.2849, 0.3010

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.



75.3778, 0.2959, 0.3001



75.3778, 0.3420, 0.3555



75.3778, 0.2797, 0.3120

Square

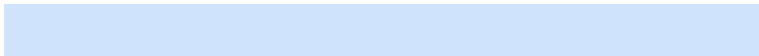
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3778, 0.3420, 0.3555



75.3778, 0.2957, 0.3425



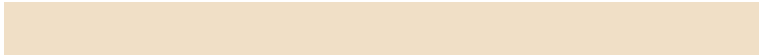
75.3778, 0.2840, 0.3024



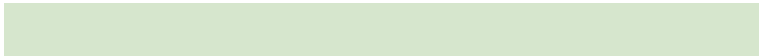
75.3778, 0.3296, 0.3159

Rectangle

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



75.3778, 0.3420, 0.3555



75.3778, 0.3180, 0.3573



75.3778, 0.2840, 0.3024



75.3778, 0.3067, 0.3026

Sweetspot

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



75.3812, 0.3420, 0.3555



95.9591, 0.3205, 0.3363



63.8368, 0.3329, 0.3104



20.4201, 0.3216, 0.3374



0.0000, 0.0000, 0.0000



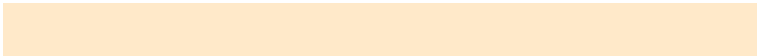
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3812, 0.3420, 0.3555



83.9675, 0.3487, 0.3611



84.3198, 0.3366, 0.3729



17.3241, 0.3278, 0.3430



21.1488, 0.5130, 0.4309



1.9540, 0.4973, 0.4434

Inverse Universe

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



66.8856, 0.2849, 0.3010



72.5353, 0.2789, 0.2946



59.1549, 0.2864, 0.2817



16.2785, 0.2980, 0.3146



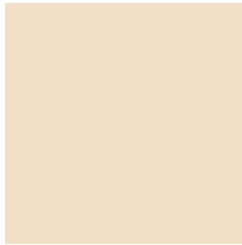
8.3777, 0.1688, 0.1277



0.8872, 0.1760, 0.1536

Previews

White Background



This preview shows how the Yxy color 75.3778, 0.3420, 0.3555 looks on a white background.

Color Contrast Check

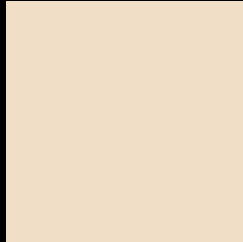
Large Text (above 18pt) WCAG AA × Fail

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 75.3778, 0.3420, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

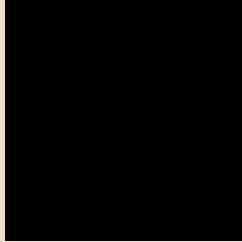
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

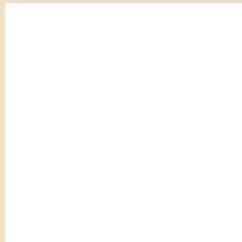
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3778, 0.3420, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 75.3778, 0.3420, 0.3555.

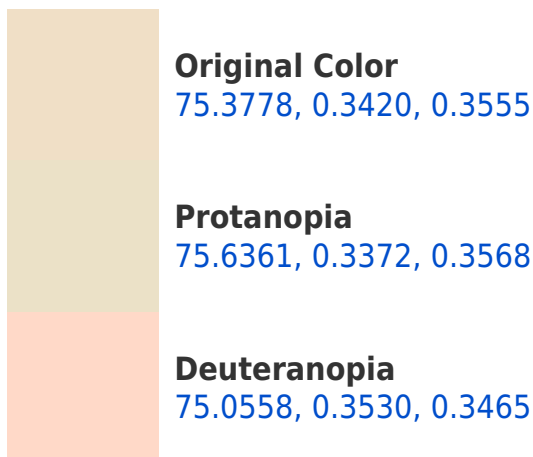


This preview shows how white text looks on a background with the Yxy color 75.3778, 0.3420, 0.3555.

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

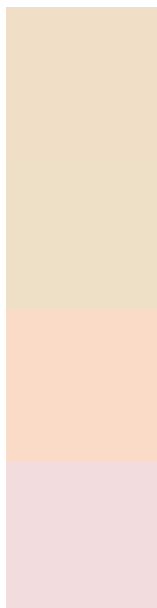




Tritanopia

75.5534, 0.3207, 0.3117

Trichromacy



Original Color

75.3778, 0.3420, 0.3555

Protanomaly

75.4394, 0.3389, 0.3556

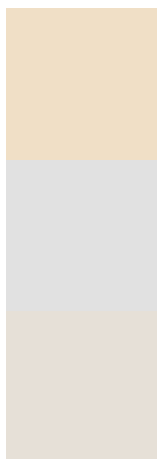
Deuteranomaly

75.1106, 0.3495, 0.3498

Tritanomaly

75.5150, 0.3280, 0.3270

Monochromacy



Original Color

75.3778, 0.3420, 0.3555

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0406, 0.3229, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3778, 0.3420, 0.3555 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(240, 223, 198)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 198)  
}
```

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(240, 223, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 198) }
```

Border

The CSS property to change the border of an element to Yxy 75.3778, 0.3420, 0.3555 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(240, 223, 198) }
```

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

```
.border{ border-color:rgb(240, 223, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 198);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3778, 0.3420, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 198) }
```

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

```
.background{ background-color: rgb(240,  
223, 198) }
```

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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