

Converting Colors

$Yxy(75.3471, 0.3403, 0.3578)$

Have a look what the booklet for
Yxy(75.3471, 0.3403, 0.3578)
contains.

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Color

Yxy(75.3471, 0.3403, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	EDE0C5
RGB	237, 224, 197
RGB Percent	93%, 88%, 77%
CMY	0.0705, 0.1216, 0.2275
CMYK	0.00, 0.05, 0.17, 0.07
HSL	40°, 53%, 85%
HSV	40°, 17%, 93%
XYZ	71.6619, 75.3471, 63.5754
YIQ	224.8090, 16.4150, -5.6410

Conversions

Conversions Part 2

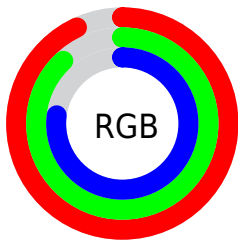
Format	Color
R _Y B	216, 237, 197
Decimal	15589573
CIE Lab	89.56, 0.10, 14.83
CIE LCh	90, 14.829, 89.618
Yxy	75.3471, 0.3403, 0.3578
Android (android.graphics.Color)	4293779653 (0xFFEDEC5)
YUV	224.8090, -13.7098, 10.6915
Hunter-Lab	86.8027, -4.5402, 17.3371

Details

The Yxy color **75.3471, 0.3403, 0.3578** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.0756, 0.2858, 0.2984**, and the grayscale version is **75.2450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **40.1829, 0.3469, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **70.2987, 0.3587, 0.3757**, and if you desaturate by 10%, it is **80.7608, 0.3234, 0.3405**.

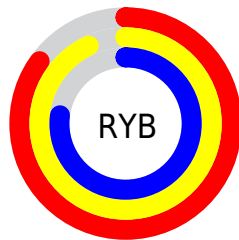
Distribution



Red (93%)

Green (88%)

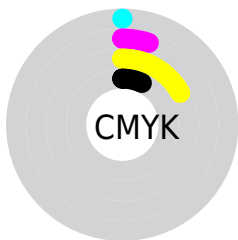
Blue (77%)



Red (85%)

Yellow (93%)

Blue (77%)

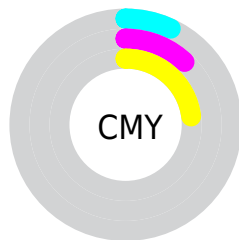


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3471, 0.3403, 0.3578 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 75.3471, 0.3403, 0.3578 by changing the saturation by 10% instead.

75.3471, 0.3403,
0.3578

75.3471, 0.3403,
0.3578

479.1097, 0.3276,
0.3446

55.8973, 0.3432,
0.3608

126.8036, 0.3359,
0.3532

40.1206, 0.3467,
0.3645

159.5790, 0.3342,
0.3514

27.6326, 0.3512,
0.3691

197.5652, 0.3327,
0.3499

18.0489, 0.3570,
0.3752

241.1464, 0.3314,
0.3486

10.9851, 0.3648,
0.3833

290.7070, 0.3303,
0.3474

6.0568, 0.3758,
0.3948

346.6316, 0.3293,

2.8797, 0.3924,

0.3463

0.4121

409.3043, 0.3284,
0.3454

■ 1.0692, 0.4625,
0.4853

■ 0.0000, 0.0000,
0.0000

■ 75.3471, 0.3403,
0.3578

■ 75.3471, 0.3403,
0.3578

■ 70.2987, 0.3587,
0.3757

■ 80.7608, 0.3234,
0.3405

■ 65.5951, 0.3785,
0.3935

■ 86.5397, 0.3081,
0.3240

■ 61.2286, 0.3992,
0.4105

■ 91.8248, 0.3018,
0.3212

■ 57.1873, 0.4203,
0.4258

■ 96.6396, 0.3017,
0.3288

■ 53.4582, 0.4407,
0.4381

■ 96.7483, 0.3017,
0.3290

■ 50.0267, 0.4595,
0.4465

■ 46.8763, 0.4758,
0.4500

■ 43.9866, 0.4888,
0.4483

■ 43.1330, 0.4924,
0.4472

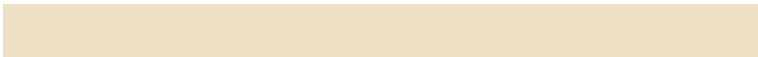
Harmonies

Analogous

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



75.3471, 0.3474, 0.3480



75.3471, 0.3403, 0.3578



75.3471, 0.3258, 0.3599

Triad

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



75.3471, 0.3403, 0.3578



75.3471, 0.2815, 0.3228



75.3471, 0.3167, 0.3066

Complementary

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



75.3471, 0.3403, 0.3578



64.0756, 0.2858, 0.2984

Split Complementary

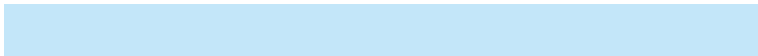
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3471, 0.2991, 0.2999



75.3471, 0.3403, 0.3578



75.3471, 0.2792, 0.3087

Square

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



75.3471, 0.3403, 0.3578



75.3471, 0.2919, 0.3393



75.3471, 0.2855, 0.3006



75.3471, 0.3336, 0.3188

Rectangle

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



75.3471, 0.3403, 0.3578



75.3471, 0.3140, 0.3563



75.3471, 0.2855, 0.3006



75.3471, 0.3106, 0.3036

Sweetspot

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



75.3505, 0.3403, 0.3578



96.5891, 0.3204, 0.3373



62.6002, 0.3346, 0.3147



20.5733, 0.3215, 0.3385



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.



75.3505, 0.3403, 0.3578



87.0116, 0.3460, 0.3635



81.4920, 0.3334, 0.3716



16.7534, 0.3276, 0.3448



23.7929, 0.4909, 0.4484



2.0420, 0.4785, 0.4582

Inverse Universe

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



64.0756, 0.2858, 0.2984



71.5505, 0.2803, 0.2920



58.8264, 0.2898, 0.2839



15.3487, 0.2980, 0.3126



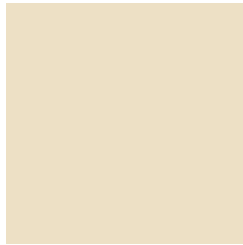
6.4529, 0.1628, 0.1061



0.6759, 0.1705, 0.1336

Previews

White Background



This preview shows how the Yxy color 75.3471, 0.3403, 0.3578 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 75.3471, 0.3403, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

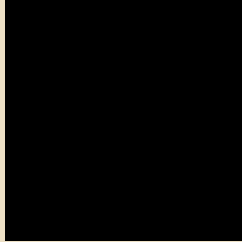
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3471, 0.3403, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 75.3471, 0.3403, 0.3578.

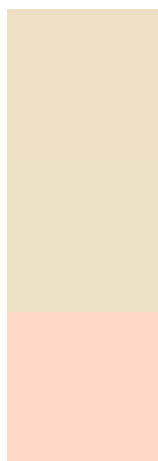


This preview shows how white text looks on a background with the Yxy color 75.3471, 0.3403, 0.3578.

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

75.3471, 0.3403, 0.3578

Protanopia

75.1754, 0.3395, 0.3578

Deuteranopia

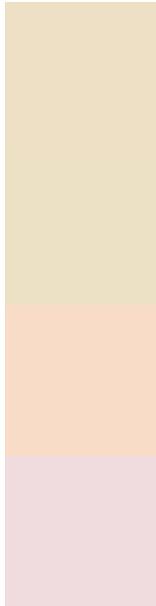
75.0558, 0.3530, 0.3465



Tritanopia

75.0762, 0.3179, 0.3106

Trichromacy



Original Color

75.3471, 0.3403, 0.3578

Protanomaly

75.1754, 0.3395, 0.3578

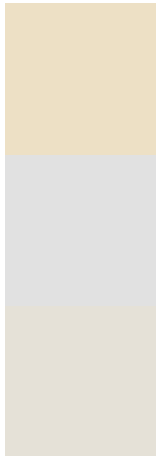
Deuteranomaly

75.2664, 0.3478, 0.3509

Tritanomaly

74.9856, 0.3258, 0.3270

Monochromacy



Original Color

75.3471, 0.3403, 0.3578

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4147, 0.3221, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3471, 0.3403, 0.3578 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(237, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 197)  
}
```

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(237, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 197) }
```

Border

The CSS property to change the border of an element to Yxy 75.3471, 0.3403, 0.3578 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(237, 224, 197) }
```

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

```
.border{ border-color:rgb(237, 224, 197) }
```

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

Here you see how a box with a 4 pixel rgb(237, 224, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3471, 0.3403, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 197) }
```

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

```
.background{ background-color: rgb(237,  
224, 197) }
```

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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