

Converting Colors

$Yxy(73.9475, 0.3372, 0.3532)$

Have a look what the booklet for
Yxy(73.9475, 0.3372, 0.3532)
contains.

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Color

Yxy(74.0282, 0.3377, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	EBDEC7
RGB	235, 222, 199
RGB Percent	92%, 87%, 78%
CMY	0.0786, 0.1293, 0.2196
CMYK	0.00, 0.06, 0.15, 0.08
HSL	38°, 47%, 85%
HSV	38°, 15%, 92%
XYZ	70.6795, 74.0282, 64.5889
YIQ	223.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

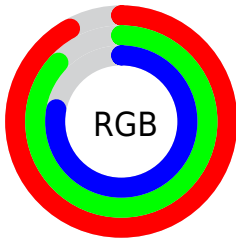
Format	Color
R _Y B	219, 235, 199
Decimal	15457991
CIE Lab	88.94, 0.68, 12.88
CIE LCh	89, 12.895, 86.977
Yxy	74.0282, 0.3377, 0.3537
Android (android.graphics.Color)	4293648071 (0xFFEBDEC7)
YUV	223.2650, -11.9626, 10.2916
Hunter-Lab	86.0396, -3.9360, 15.7195

Details

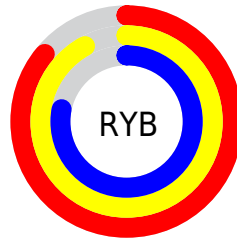
The Yxy color **74.0282, 0.3377, 0.3537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1870, 0.2885, 0.3030**, and the grayscale version is **74.0666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2655, 0.3437, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **68.6449, 0.3562, 0.3707**, and if you desaturate by 10%, it is **79.8116, 0.3209, 0.3373**.

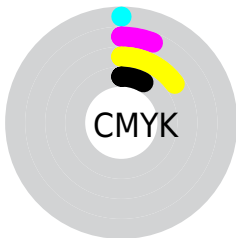
Distribution



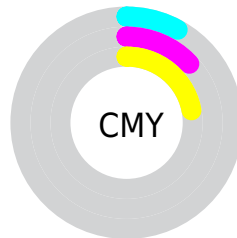
- Red (92%)
- Green (87%)
- Blue (78%)



- Red (86%)
- Yellow (92%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0282, 0.3377, 0.3537 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 74.0282, 0.3377, 0.3537 by changing the saturation by 10% instead.

■ 74.0282, 0.3377,
0.3537

■ 74.0282, 0.3377,
0.3537

474.5707, 0.3262,
0.3423

■ 54.8171, 0.3403,
0.3563

124.9358, 0.3337,
0.3498

■ 39.2553, 0.3436,
0.3595

157.4011, 0.3321,
0.3482

■ 26.9584, 0.3477,
0.3635

195.0532, 0.3308,
0.3469

■ 17.5420, 0.3530,
0.3687

238.2766, 0.3296,
0.3458

■ 10.6217, 0.3603,
0.3758

287.4557, 0.3286,
0.3447

■ 5.8130, 0.3706,
0.3859

342.9748, 0.3277,

■ 2.7317, 0.3865,

0.3438

0.4012

405.2183, 0.3269,
0.3430

0.9933, 0.4512,
0.4658

0.0000, 0.0000,
0.0000

74.0282, 0.3377,
0.3537

74.0282, 0.3377,
0.3537

68.6449, 0.3562,
0.3707

79.8116, 0.3209,
0.3373

63.6409, 0.3763,
0.3877

85.9958, 0.3059,
0.3219

59.0079, 0.3977,
0.4042

91.6259, 0.3005,
0.3214

54.7334, 0.4198,
0.4191

96.3951, 0.3005,
0.3290

■ 50.8039, 0.4417,
0.4314

■ 47.2046, 0.4624,
0.4398

■ 43.9185, 0.4807,
0.4434

■ 40.9258, 0.4957,
0.4417

■ 39.6099, 0.5020,
0.4396

Harmonies

Analogous

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



74.0282, 0.3432, 0.3448



74.0282, 0.3377, 0.3537



74.0282, 0.3255, 0.3561

Triad

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



74.0282, 0.3377, 0.3537



74.0282, 0.2859, 0.3249



74.0282, 0.3148, 0.3085

Complementary

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



74.0282, 0.3377, 0.3537



65.1870, 0.2885, 0.3030

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.



74.0282, 0.2996, 0.3033



74.0282, 0.3377, 0.3537



74.0282, 0.2831, 0.3122

Square

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



74.0282, 0.3377, 0.3537



74.0282, 0.2956, 0.3392



74.0282, 0.2881, 0.3045



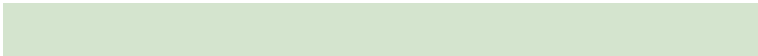
74.0282, 0.3298, 0.3190

Rectangle

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



74.0282, 0.3377, 0.3537



74.0282, 0.3153, 0.3534



74.0282, 0.2881, 0.3045



74.0282, 0.3095, 0.3061

Sweetspot

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



74.0315, 0.3377, 0.3537



96.3145, 0.3205, 0.3369



63.2594, 0.3313, 0.3148



20.5065, 0.3216, 0.3380



0.0000, 0.0000, 0.0000



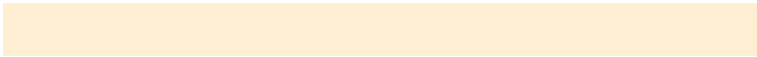
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0315, 0.3377, 0.3537



87.3031, 0.3427, 0.3584



80.3657, 0.3323, 0.3674



16.6627, 0.3277, 0.3440



22.3037, 0.5003, 0.4410



1.9325, 0.4861, 0.4522

Inverse Universe

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



65.1870, 0.2885, 0.3030



74.9708, 0.2839, 0.2978



59.6447, 0.2914, 0.2884



15.4357, 0.2980, 0.3135



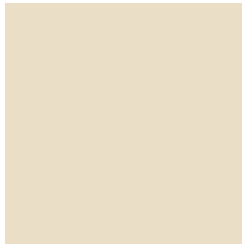
7.1330, 0.1653, 0.1151



0.7368, 0.1730, 0.1428

Previews

White Background



This preview shows how the Yxy color 74.0282, 0.3377, 0.3537 looks on a white background.

Color Contrast Check

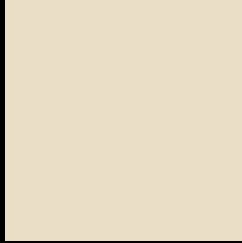
Large Text (above 18pt) WCAG AA × Fail

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 74.0282, 0.3377, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

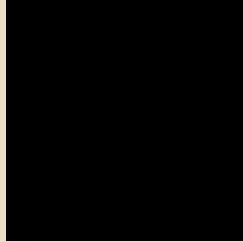
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

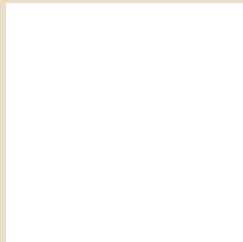
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0282, 0.3377, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 74.0282, 0.3377, 0.3537.

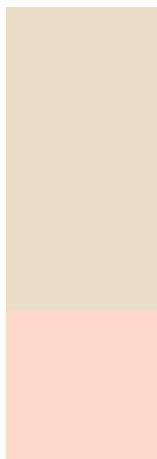


This preview shows how white text looks on a background with the Yxy color 74.0282, 0.3377, 0.3537.

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

74.0282, 0.3377, 0.3537

Protanopia

74.2225, 0.3361, 0.3548

Deuteranopia

73.6537, 0.3519, 0.3445



Tritanopia

74.0915, 0.3178, 0.3115

Trichromacy



Original Color

74.0282, 0.3377, 0.3537

Protanomaly

74.3913, 0.3368, 0.3548

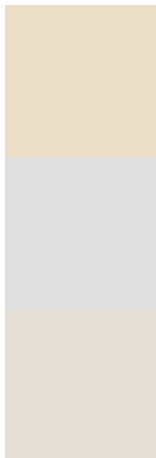
Deuteranomaly

73.9058, 0.3460, 0.3479

Tritanomaly

74.0606, 0.3251, 0.3269

Monochromacy



Original Color

74.0282, 0.3377, 0.3537

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9613, 0.3215, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0282, 0.3377, 0.3537 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(235, 222, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 199)  
}
```

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(235, 222, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 199) }
```

Border

The CSS property to change the border of an element to Yxy 74.0282, 0.3377, 0.3537 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(235, 222, 199) }
```

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

```
.border{ border-color:rgb(235, 222, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 222, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 222, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 222, 199); box-shadow:4px 4px 4px 4px rgb(235, 222, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0282, 0.3377, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 222, 199) }
```

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

```
.background{ background-color: rgb(235,  
222, 199) }
```

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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