

Converting Colors

$Yxy(75.5337, 0.3373, 0.3539)$

Have a look what the booklet for
Yxy(75.5337, 0.3373, 0.3539)
contains.

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Color

Yxy(75.5329, 0.3375, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	EDE0C9
RGB	237, 224, 201
RGB Percent	93%, 88%, 79%
CMY	0.0707, 0.1215, 0.2118
CMYK	0.00, 0.05, 0.15, 0.07
HSL	38°, 50%, 86%
HSV	38°, 15%, 93%
XYZ	72.1142, 75.5329, 66.0245
YIQ	225.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

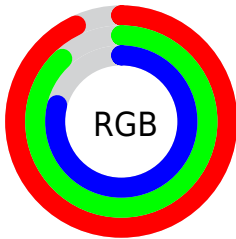
Format	Color
RYB	221, 237, 201
Decimal	15589577
CIELab	89.64, 0.68, 12.86
CIElCh	90, 12.877, 86.970
Yxy	75.5329, 0.3375, 0.3535
Android (android.graphics.Color)	4293779657 (0xFFEDEC9)
YUV	225.2650, -11.9626, 10.2916
Hunter-Lab	86.9097, -3.9798, 15.7947

Details

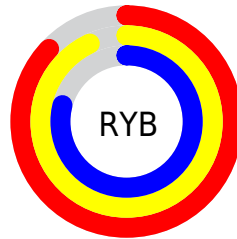
The Yxy color **75.5329, 0.3375, 0.3535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5885, 0.2887, 0.3032**, and the grayscale version is **75.5738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3063, 0.3433, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **70.0347, 0.3560, 0.3704**, and if you desaturate by 10%, it is **81.4398, 0.3207, 0.3371**.

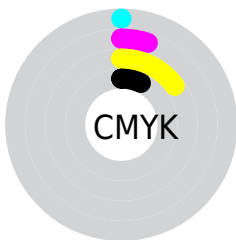
Distribution



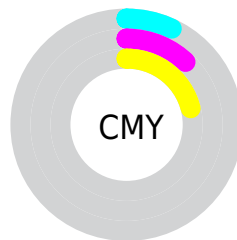
- Red (93%)
- Green (88%)
- Blue (79%)



- Red (87%)
- Yellow (93%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5329, 0.3375, 0.3535 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 75.5329, 0.3375, 0.3535 by changing the saturation by 10% instead.

75.5329, 0.3375,
0.3535

75.5329, 0.3375,
0.3535

479.7472, 0.3261,
0.3423

56.0496, 0.3401,
0.3560

127.0664, 0.3336,
0.3496

40.2427, 0.3433,
0.3592

159.8854, 0.3320,
0.3481

27.7278, 0.3473,
0.3631

197.9184, 0.3307,
0.3468

18.1206, 0.3525,
0.3682

241.5498, 0.3295,
0.3457

11.0366, 0.3596,
0.3751

291.1640, 0.3285,
0.3447

6.0915, 0.3697,
0.3849

347.1453, 0.3276,

2.9008, 0.3850,

0.3438

0.3998

409.8783, 0.3268,
0.3430

1.0801, 0.4377,
0.4521

0.0000, 0.0000,
0.0000

75.5329, 0.3375,
0.3535

75.5329, 0.3375,
0.3535

70.0347, 0.3560,
0.3704

81.4398, 0.3207,
0.3371

64.9241, 0.3761,
0.3875

87.7561, 0.3057,
0.3217

60.1924, 0.3975,
0.4040

93.3463, 0.3018,
0.3237

55.8271, 0.4196,
0.4189

96.7396, 0.3017,
0.3290

■ 51.8142, 0.4416,
0.4312

■ 48.1387, 0.4623,
0.4397

■ 44.7833, 0.4806,
0.4433

■ 41.7277, 0.4957,
0.4417

■ 40.3505, 0.5021,
0.4395

Harmonies

Analogous

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



75.5329, 0.3430, 0.3446



75.5329, 0.3375, 0.3535



75.5329, 0.3254, 0.3559

Triad

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



75.5329, 0.3375, 0.3535



75.5329, 0.2861, 0.3250



75.5329, 0.3148, 0.3087

Complementary

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



75.5329, 0.3375, 0.3535



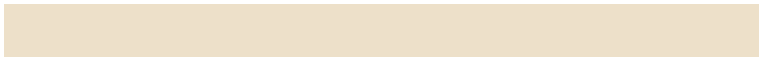
66.5885, 0.2887, 0.3032

Split Complementary

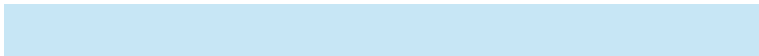
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5329, 0.2997, 0.3035



75.5329, 0.3375, 0.3535



75.5329, 0.2834, 0.3124

Square

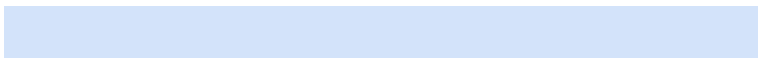
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5329, 0.3375, 0.3535



75.5329, 0.2958, 0.3391



75.5329, 0.2883, 0.3047



75.5329, 0.3297, 0.3190

Rectangle

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



75.5329, 0.3375, 0.3535



75.5329, 0.3153, 0.3532



75.5329, 0.2883, 0.3047



75.5329, 0.3096, 0.3063

Sweetspot

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



75.5363, 0.3375, 0.3535



96.3126, 0.3205, 0.3369



64.6285, 0.3312, 0.3149



20.5060, 0.3216, 0.3380



0.0000, 0.0000, 0.0000



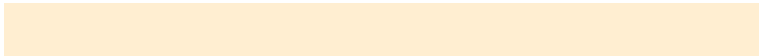
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5363, 0.3375, 0.3535



87.2965, 0.3427, 0.3583



81.9527, 0.3321, 0.3671



16.6620, 0.3277, 0.3440



22.2933, 0.5004, 0.4409



1.9317, 0.4862, 0.4521

Inverse Universe

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



66.5885, 0.2887, 0.3032



74.9770, 0.2839, 0.2978



60.9679, 0.2915, 0.2887



15.4364, 0.2980, 0.3135



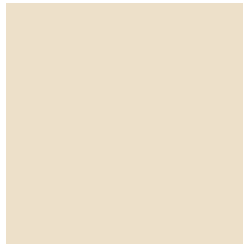
7.1382, 0.1653, 0.1152



0.7372, 0.1730, 0.1429

Previews

White Background



This preview shows how the Yxy color 75.5329, 0.3375, 0.3535 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 75.5329, 0.3375, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

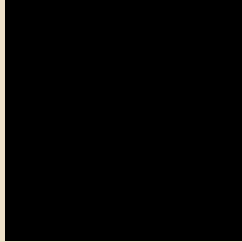
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

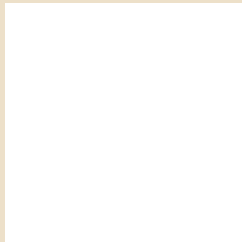
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5329, 0.3375, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 75.5329, 0.3375, 0.3535.



This preview shows how white text looks on a background with the Yxy color 75.5329, 0.3375, 0.3535.

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

75.5329, 0.3375, 0.3535

Protanopia

75.7296, 0.3359, 0.3546

Deuteranopia

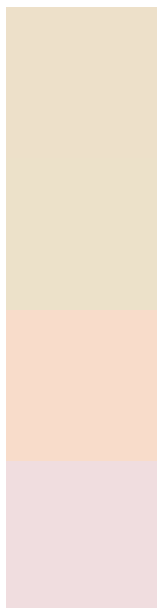
75.1975, 0.3508, 0.3434



Tritanopia

75.5964, 0.3178, 0.3116

Trichromacy



Original Color

75.5329, 0.3375, 0.3535

Protanomaly

75.9003, 0.3366, 0.3546

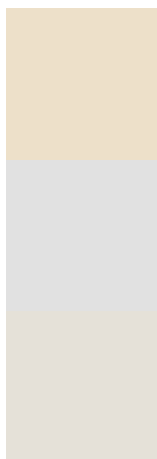
Deuteranomaly

75.4071, 0.3457, 0.3477

Tritanomaly

75.5659, 0.3250, 0.3270

Monochromacy



Original Color

75.5329, 0.3375, 0.3535

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4663, 0.3214, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5329, 0.3375, 0.3535 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 201) }
```

Border

The CSS property to change the border of an element to Yxy 75.5329, 0.3375, 0.3535 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, 201) }
```

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

```
.border{ border-color:rgb(237, 224, 201) }
```

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, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5329, 0.3375, 0.3535 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, 201) }
```

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

```
.background{ background-color: rgb(237,  
224, 201) }
```

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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