

Converting Colors

$Yxy(71.1789, 0.3351, 0.3497)$

Have a look what the booklet for
Yxy(71.1789, 0.3351, 0.3497)
contains.

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Color

Yxy(71.2553, 0.3353, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	E7DAC7
RGB	231, 218, 199
RGB Percent	91%, 85%, 78%
CMY	0.0943, 0.1450, 0.2196
CMYK	0.00, 0.06, 0.14, 0.09
HSL	36°, 40%, 84%
HSV	36°, 14%, 91%
XYZ	68.3211, 71.2553, 64.1848
YIQ	219.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

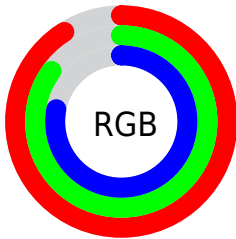
Format	Color
R _Y B	221, 231, 199
Decimal	15194823
CIE Lab	87.61, 1.30, 10.94
CIE LCh	88, 11.018, 83.202
Yxy	71.2553, 0.3353, 0.3497
Android (android.graphics.Color)	4293384903 (0xFFE7DAC7)
YUV	219.7210, -10.2155, 9.8917
Hunter-Lab	84.4129, -3.2501, 14.0068

Details

The Yxy color **71.2553, 0.3353, 0.3497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9546, 0.2910, 0.3074**, and the grayscale version is **71.4280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3527, 0.3407, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **65.5567, 0.3539, 0.3655**, and if you desaturate by 10%, it is **77.3960, 0.3186, 0.3346**.

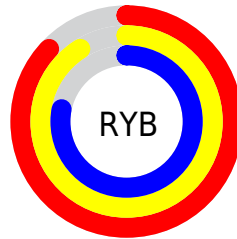
Distribution



Red (91%)

Green (85%)

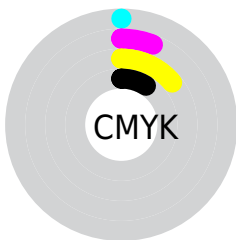
Blue (78%)



Red (87%)

Yellow (91%)

Blue (78%)

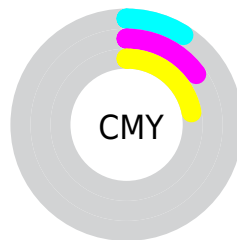


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2553, 0.3353, 0.3497 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 71.2553, 0.3353, 0.3497 by changing the saturation by 10% instead.

71.2553, 0.3353,
0.3497

71.2553, 0.3353,
0.3497

464.9454, 0.3248,
0.3401

52.5506, 0.3377,
0.3519

120.9972, 0.3316,
0.3464

37.4441, 0.3407,
0.3546

152.8031, 0.3302,
0.3451

25.5515, 0.3445,
0.3580

189.7449, 0.3290,
0.3440

16.4884, 0.3495,
0.3625

232.2069, 0.3279,
0.3430

9.8704, 0.3563,
0.3686

280.5736, 0.3270,
0.3421

5.3131, 0.3662,
0.3774

335.2293, 0.3262,

2.4321, 0.3818,

0.3414

0.3910

396.5584, 0.3254,
0.3407

0.8424, 0.4556,
0.4610

0.0000, 0.0000,
0.0000

71.2553, 0.3353,
0.3497

71.2553, 0.3353,
0.3497

65.5567, 0.3539,
0.3655

77.3960, 0.3186,
0.3346

60.2789, 0.3745,
0.3815

83.9806, 0.3038,
0.3203

55.4128, 0.3967,
0.3970

90.1375, 0.2981,
0.3200

50.9449, 0.4200,
0.4113

95.7194, 0.2981,
0.3290

■ 46.8612, 0.4437,
0.4231

■ 43.1461, 0.4667,
0.4313

■ 39.7820, 0.4875,
0.4348

■ 36.7489, 0.5052,
0.4329

■ 35.0261, 0.5146,
0.4296

Harmonies

Analogous

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



71.2553, 0.3392, 0.3415



71.2553, 0.3353, 0.3497



71.2553, 0.3254, 0.3525

Triad

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



71.2553, 0.3353, 0.3497



71.2553, 0.2902, 0.3271



71.2553, 0.3128, 0.3104

Complementary

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



71.2553, 0.3353, 0.3497



64.9546, 0.2910, 0.3074

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.



71.2553, 0.2998, 0.3065



71.2553, 0.3353, 0.3497



71.2553, 0.2870, 0.3157

Square

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



71.2553, 0.3353, 0.3497



71.2553, 0.2993, 0.3393



71.2553, 0.2905, 0.3083



71.2553, 0.3260, 0.3190

Rectangle

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



71.2553, 0.3353, 0.3497



71.2553, 0.3167, 0.3507



71.2553, 0.2905, 0.3083



71.2553, 0.3083, 0.3085

Sweetspot

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



71.2585, 0.3353, 0.3497



96.7566, 0.3189, 0.3349



62.5955, 0.3280, 0.3145



20.5815, 0.3201, 0.3360



0.0000, 0.0000, 0.0000



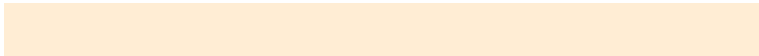
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2585, 0.3353, 0.3497



86.8359, 0.3412, 0.3548



77.7831, 0.3315, 0.3634



15.7882, 0.3278, 0.3430



19.8966, 0.5127, 0.4311



1.6514, 0.4954, 0.4449

Inverse Universe

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



64.9546, 0.2910, 0.3074



77.3042, 0.2857, 0.3018



59.1228, 0.2925, 0.2926



14.8393, 0.2981, 0.3146



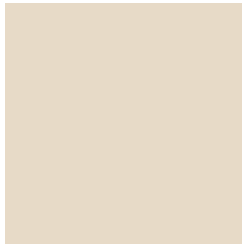
7.8936, 0.1689, 0.1280



0.7617, 0.1769, 0.1569

Previews

White Background



This preview shows how the Yxy color 71.2553, 0.3353, 0.3497 looks on a white background.

Color Contrast Check

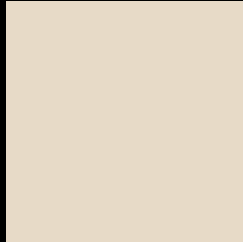
Large Text (above 18pt) WCAG AA × Fail

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 71.2553, 0.3353, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

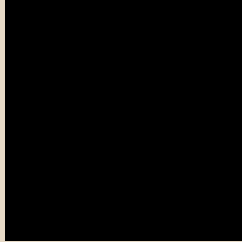
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

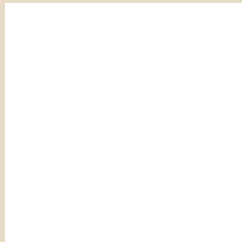
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2553, 0.3353, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 71.2553, 0.3353, 0.3497.



This preview shows how white text looks on a background with the Yxy color 71.2553, 0.3353, 0.3497.

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

71.2553, 0.3353, 0.3497

Protanopia

71.2805, 0.3329, 0.3509

Deuteranopia

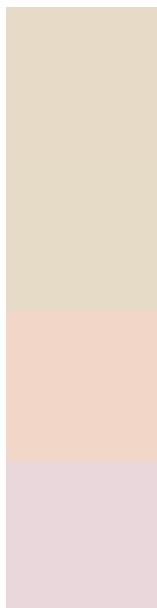
71.2136, 0.3487, 0.3416



Tritanopia

70.9638, 0.3172, 0.3112

Trichromacy



Original Color

71.2553, 0.3353, 0.3497

Protanomaly

71.4446, 0.3337, 0.3508

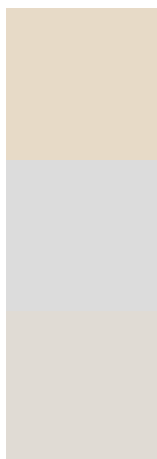
Deuteranomaly

71.1405, 0.3437, 0.3439

Tritanomaly

71.2078, 0.3239, 0.3248

Monochromacy



Original Color

71.2553, 0.3353, 0.3497

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2638, 0.3210, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2553, 0.3353, 0.3497 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(231, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(231, 218, 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(231, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 218, 199) }
```

Border

The CSS property to change the border of an element to Yxy 71.2553, 0.3353, 0.3497 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(231, 218, 199) }
```

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

```
.border{ border-color:rgb(231, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(231, 218,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2553, 0.3353, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 218, 199) }
```

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

```
.background{ background-color: rgb(231,  
218, 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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