

Converting Colors

$Yxy(71.9638, 0.3324, 0.3463)$

Have a look what the booklet for
Yxy(71.9638, 0.3324, 0.3463)
contains.

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Color

Yxy(71.9638, 0.3324, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	E7DBCB
RGB	231, 219, 203
RGB Percent	91%, 86%, 80%
CMY	0.0940, 0.1412, 0.2038
CMYK	0.00, 0.05, 0.12, 0.09
HSL	34°, 37%, 85%
HSV	34°, 12%, 91%
XYZ	69.0753, 71.9638, 66.7686
YIQ	220.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

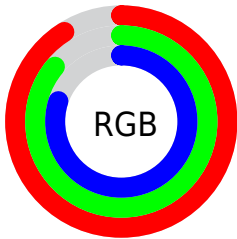
Format	Color
R_YB	224, 231, 203
Decimal	15195083
CIE Lab	87.95, 1.47, 9.31
CIE LCh	88, 9.426, 81.022
Yxy	71.9638, 0.3324, 0.3463
Android (android.graphics.Color)	4293385163 (0xFFE7DBC _B)
YUV	220.7640, -8.7577, 8.9770
Hunter-Lab	84.8315, -3.1089, 12.7164

Details

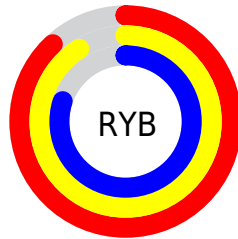
The Yxy color **71.9638, 0.3324, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1060, 0.2938, 0.3111**, and the grayscale version is **72.1937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8348, 0.3367, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **65.9185, 0.3509, 0.3614**, and if you desaturate by 10%, it is **78.4887, 0.3159, 0.3319**.

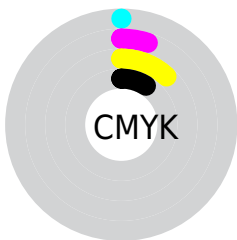
Distribution



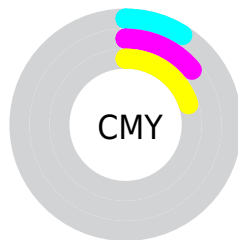
- Red (91%)
- Green (86%)
- Blue (80%)



- Red (88%)
- Yellow (91%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9638, 0.3324, 0.3463 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 71.9638, 0.3324, 0.3463 by changing the saturation by 10% instead.

71.9638, 0.3324,
0.3463

71.9638, 0.3324,
0.3463

467.4156, 0.3233,
0.3383

53.1291, 0.3345,
0.3481

122.0051, 0.3292,
0.3435

37.9058, 0.3371,
0.3504

153.9804, 0.3280,
0.3424

25.9096, 0.3404,
0.3532

191.1048, 0.3269,
0.3415

16.7560, 0.3447,
0.3570

233.7626, 0.3260,
0.3407

10.0607, 0.3507,
0.3620

282.3381, 0.3252,
0.3400

5.4392, 0.3593,
0.3693

337.2159, 0.3245,

2.5072, 0.3728,

0.3394

0.3807

398.7803, 0.3238,
0.3388

■ 0.8802, 0.4236,
0.4272

■ 0.0000, 0.0000,
0.0000

■ 71.9638, 0.3324,
0.3463

■ 71.9638, 0.3324,
0.3463

■ 65.9185, 0.3509,
0.3614

■ 78.4887, 0.3159,
0.3319

■ 60.3307, 0.3715,
0.3767

■ 85.4957, 0.3014,
0.3185

■ 55.1903, 0.3939,
0.3918

■ 91.8316, 0.2981,
0.3228

■ 50.4833, 0.4179,
0.4058

■ 95.7335, 0.2982,
0.3290

■ 46.1945, 0.4426,
0.4176

■ 42.3076, 0.4669,
0.4260

■ 38.8044, 0.4895,
0.4298

■ 35.6642, 0.5090,
0.4282

■ 33.4223, 0.5220,
0.4237

Harmonies

Analogous

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



71.9638, 0.3352, 0.3391



71.9638, 0.3324, 0.3463



71.9638, 0.3243, 0.3490

Triad

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



71.9638, 0.3324, 0.3463



71.9638, 0.2939, 0.3282



71.9638, 0.3120, 0.3127

Complementary

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



71.9638, 0.3324, 0.3463



67.1060, 0.2938, 0.3111

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.



71.9638, 0.3010, 0.3097



71.9638, 0.3324, 0.3463



71.9638, 0.2907, 0.3184

Square

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



71.9638, 0.3324, 0.3463



71.9638, 0.3020, 0.3384



71.9638, 0.2933, 0.3117



71.9638, 0.3233, 0.3198

Rectangle

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



71.9638, 0.3324, 0.3463



71.9638, 0.3170, 0.3477



71.9638, 0.2933, 0.3117



71.9638, 0.3081, 0.3111

Sweetspot

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



71.9670, 0.3324, 0.3463



96.5950, 0.3189, 0.3346



64.6352, 0.3256, 0.3159



20.5406, 0.3201, 0.3357



0.0000, 0.0000, 0.0000



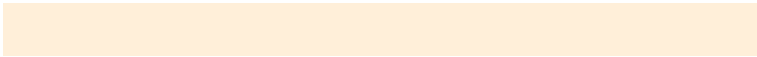
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9670, 0.3324, 0.3463



87.7321, 0.3377, 0.3507



78.1650, 0.3295, 0.3590



15.7253, 0.3278, 0.3424



18.9833, 0.5199, 0.4254



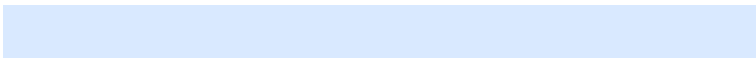
1.5864, 0.5013, 0.4402

Inverse Universe

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



67.1060, 0.2938, 0.3111



80.3192, 0.2890, 0.3063



61.4627, 0.2949, 0.2974



14.9008, 0.2981, 0.3152



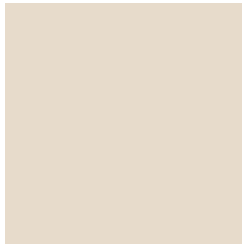
8.5035, 0.1710, 0.1357



0.8098, 0.1789, 0.1641

Previews

White Background



This preview shows how the Yxy color 71.9638, 0.3324, 0.3463 looks on a white background.

Color Contrast Check

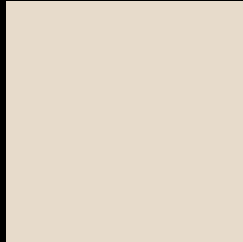
Large Text (above 18pt) WCAG AA × Fail

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 71.9638, 0.3324, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

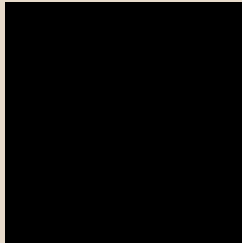
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

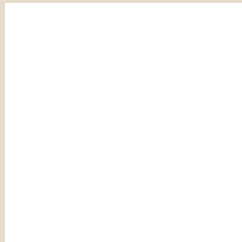
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9638, 0.3324, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 71.9638, 0.3324, 0.3463.

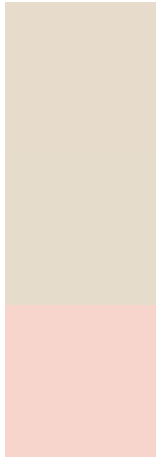


This preview shows how white text looks on a background with the Yxy color 71.9638, 0.3324, 0.3463.

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

71.9638, 0.3324, 0.3463

Protanopia

72.1562, 0.3308, 0.3475

Deuteranopia

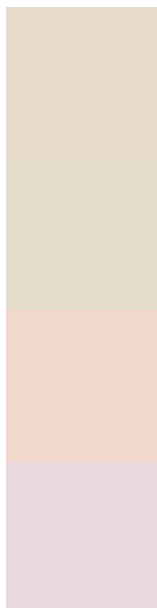
71.9046, 0.3455, 0.3385



Tritanopia

72.0892, 0.3157, 0.3112

Trichromacy



Original Color

71.9638, 0.3324, 0.3463

Protanomaly

72.3212, 0.3315, 0.3474

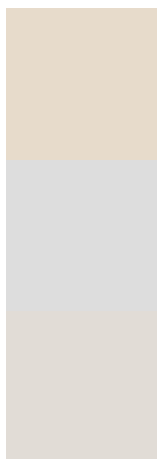
Deuteranomaly

71.8378, 0.3406, 0.3407

Tritanomaly

71.8246, 0.3224, 0.3237

Monochromacy



Original Color

71.9638, 0.3324, 0.3463

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.0490, 0.3203, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9638, 0.3324, 0.3463 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, 219, 203)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 203)  
}
```

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, 219, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 203) }
```

Border

The CSS property to change the border of an element to Yxy 71.9638, 0.3324, 0.3463 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, 219, 203) }
```

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

```
.border{ border-color:rgb(231, 219, 203) }
```

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

Here you see how a box with a 4 pixel rgb(231, 219, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 203);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9638, 0.3324, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 203) }
```

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

```
.background{ background-color: rgb(231,  
219, 203) }
```

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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