

Converting Colors

$Yxy(73.1571, 0.3319, 0.3472)$

Have a look what the booklet for
Yxy(73.1571, 0.3319, 0.3472)
contains.

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Color

Yxy(73.2283, 0.3322, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	E8DDCC
RGB	232, 221, 204
RGB Percent	91%, 87%, 80%
CMY	0.0900, 0.1334, 0.1999
CMYK	0.00, 0.05, 0.12, 0.09
HSL	36°, 38%, 86%
HSV	36°, 12%, 91%
XYZ	70.0445, 73.2283, 67.5775
YIQ	222.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

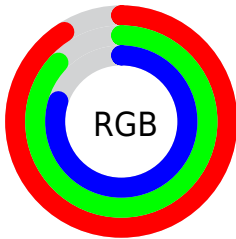
Format	Color
RYB	222, 232, 204
Decimal	15261132
CIELab	88.56, 0.95, 9.67
CIElCh	89, 9.717, 84.363
Yxy	73.2283, 0.3322, 0.3473
Android (android.graphics.Color)	4293451212 (0xFFE8DDCC)
YUV	222.3510, -9.0470, 8.4622
Hunter-Lab	85.5735, -3.6462, 13.0801

Details

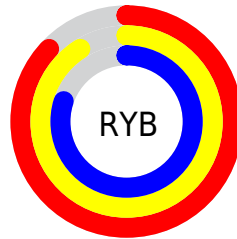
The Yxy color **73.2283, 0.3322, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2993, 0.2938, 0.3100**, and the grayscale version is **73.3724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7046, 0.3364, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **67.5010, 0.3504, 0.3632**, and if you desaturate by 10%, it is **79.3911, 0.3159, 0.3321**.

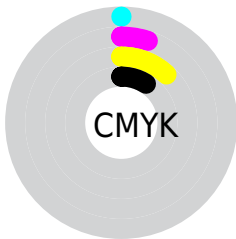
Distribution



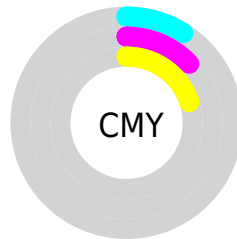
- Red (91%)
- Green (87%)
- Blue (80%)



- Red (87%)
- Yellow (91%)
- Blue (80%)



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



- Cyan (9%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2283, 0.3322, 0.3473 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 73.2283, 0.3322, 0.3473 by changing the saturation by 10% instead.

73.2283, 0.3322,
0.3473

73.2283, 0.3322,
0.3473

471.8057, 0.3232,
0.3389

54.1627, 0.3343,
0.3492

123.8013, 0.3291,
0.3444

38.7317, 0.3368,
0.3516

156.0774, 0.3279,
0.3432

26.5511, 0.3400,
0.3546

193.5258, 0.3268,
0.3423

17.2364, 0.3443,
0.3585

236.5308, 0.3259,
0.3414

10.4032, 0.3500,
0.3638

285.4769, 0.3251,
0.3407

5.6671, 0.3584,
0.3715

340.7485, 0.3244,

2.6437, 0.3714,

0.3400

0.3833

402.7300, 0.3237,
0.3394

■ 0.9487, 0.4153,
0.4254

■ 0.0000, 0.0000,
0.0000

■ 73.2283, 0.3322,
0.3473

■ 73.2283, 0.3322,
0.3473

■ 67.5010, 0.3504,
0.3632

■ 79.3911, 0.3159,
0.3321

■ 62.1880, 0.3705,
0.3795

■ 85.9905, 0.3014,
0.3177

■ 57.2805, 0.3922,
0.3954

■ 91.7819, 0.2987,
0.3224

■ 52.7655, 0.4151,
0.4102

■ 95.9022, 0.2988,
0.3290

■ 48.6292, 0.4385,
0.4228

■ 44.8565, 0.4612,
0.4319

■ 41.4307, 0.4820,
0.4365

■ 38.3322, 0.4998,
0.4357

■ 36.0882, 0.5117,
0.4319

Harmonies

Analogous

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



73.2283, 0.3358, 0.3403



73.2283, 0.3322, 0.3473



73.2283, 0.3234, 0.3495

Triad

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



73.2283, 0.3322, 0.3473



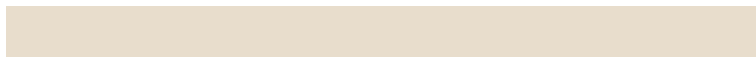
73.2283, 0.2928, 0.3269



73.2283, 0.3133, 0.3129

Complementary

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



73.2283, 0.3322, 0.3473



67.2993, 0.2938, 0.3100

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.



73.2283, 0.3019, 0.3093



73.2283, 0.3322, 0.3473



73.2283, 0.2902, 0.3171

Square

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



73.2283, 0.3322, 0.3473



73.2283, 0.3006, 0.3376



73.2283, 0.2935, 0.3107



73.2283, 0.3248, 0.3206

Rectangle

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



73.2283, 0.3322, 0.3473



73.2283, 0.3158, 0.3477



73.2283, 0.2935, 0.3107



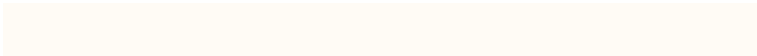
73.2283, 0.3093, 0.3112

Sweetspot

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



73.2315, 0.3322, 0.3473



96.8220, 0.3189, 0.3350



65.2726, 0.3262, 0.3169



20.5981, 0.3201, 0.3361



0.0000, 0.0000, 0.0000



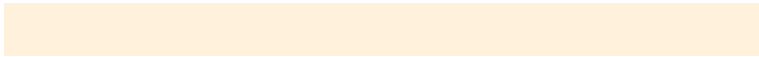
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2315, 0.3322, 0.3473



89.2587, 0.3357, 0.3504



78.7920, 0.3287, 0.3590



15.8136, 0.3277, 0.3432



20.2796, 0.5098, 0.4334



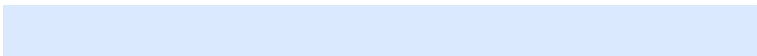
1.6785, 0.4930, 0.4467

Inverse Universe

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



67.2993, 0.2938, 0.3100



80.8149, 0.2906, 0.3066



62.2600, 0.2956, 0.2976



14.8145, 0.2981, 0.3144



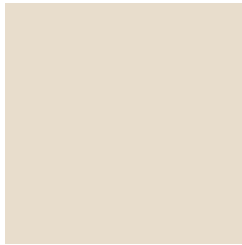
7.6595, 0.1681, 0.1250



0.7429, 0.1761, 0.1540

Previews

White Background



This preview shows how the Yxy color 73.2283, 0.3322, 0.3473 looks on a white background.

Color Contrast Check

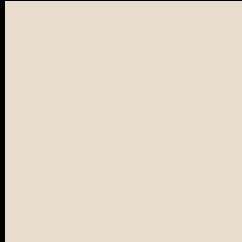
Large Text (above 18pt) WCAG AA × Fail

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 73.2283, 0.3322, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

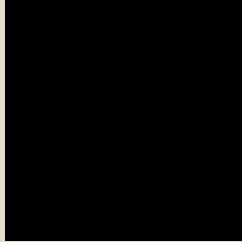
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

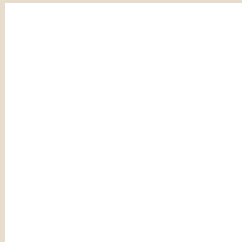
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2283, 0.3322, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 73.2283, 0.3322, 0.3473.

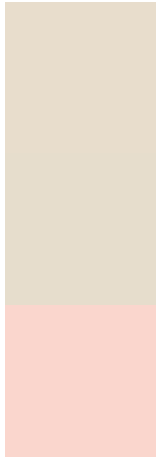


This preview shows how white text looks on a background with the Yxy color 73.2283, 0.3322, 0.3473.

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

73.2283, 0.3322, 0.3473

Protanopia

72.8955, 0.3307, 0.3474

Deuteranopia

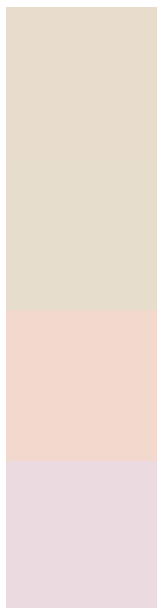
72.8249, 0.3461, 0.3384



Tritanopia

73.3991, 0.3150, 0.3113

Trichromacy



Original Color

73.2283, 0.3322, 0.3473

Protanomaly

73.0615, 0.3314, 0.3474

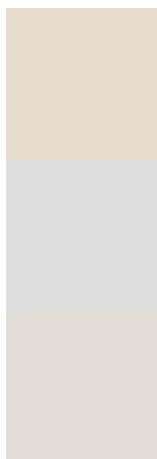
Deuteranomaly

73.0882, 0.3403, 0.3417

Tritanomaly

73.1327, 0.3216, 0.3238

Monochromacy



Original Color

73.2283, 0.3322, 0.3473

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3176, 0.3202, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2283, 0.3322, 0.3473 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(232, 221, 204)` looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 204)  
}
```

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(232, 221, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.2283, 0.3322, 0.3473 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(232, 221, 204) }
```

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

```
.border{ border-color:rgb(232, 221, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
204) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.2283, 0.3322, 0.3473$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 204) }
```

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

```
.background{ background-color: rgb(232,  
221, 204) }
```

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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