

Converting Colors

$Yxy(73.0517, 0.3276, 0.3529)$

Have a look what the booklet for
Yxy(73.0517, 0.3276, 0.3529)
contains.

Yxy(72.8869, 0.3274, 0.3520)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.8869, 0.3274, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	E0DFCA
RGB	224, 223, 202
RGB Percent	88%, 87%, 79%
CMY	0.1215, 0.1255, 0.2078
CMYK	0.00, 0.00, 0.10, 0.12
HSL	57°, 26%, 84%
HSV	57°, 10%, 88%
XYZ	67.7931, 72.8869, 66.3851
YIQ	220.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

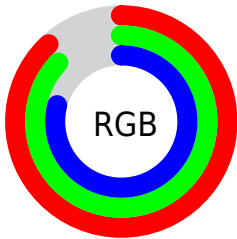
Format	Color
R_{YB}	203, 224, 202
Decimal	14737354
CIE _{Lab}	88.39, -3.24, 10.40
CIE _{LCh}	88, 10.891, 107.283
Yxy	72.8869, 0.3274, 0.3520
Android (android.graphics.Color)	4292927434 (0xFFE0DFCA)
YUV	220.9050, -9.3202, 2.7143
Hunter-Lab	85.3738, -7.6621, 13.6589

Details

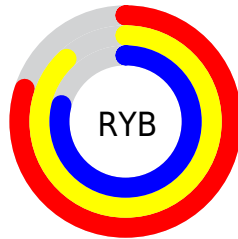
The Yxy color **72.8869, 0.3274, 0.3520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6693, 0.2974, 0.3049**, and the grayscale version is **72.3027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5784, 0.3310, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **71.3561, 0.3429, 0.3761**, and if you desaturate by 10%, it is **74.5815, 0.3124, 0.3286**.

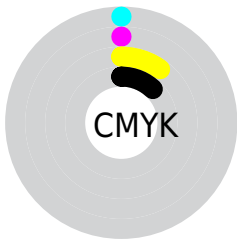
Distribution



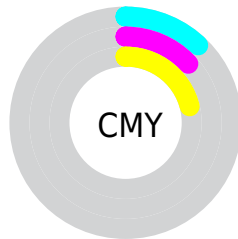
- Red (88%)
- Green (87%)
- Blue (79%)



- Red (80%)
- Yellow (88%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8869, 0.3274, 0.3520 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 72.8869, 0.3274, 0.3520 by changing the saturation by 10% instead.

■ 72.8869, 0.3274,
0.3520

■ 72.8869, 0.3274,
0.3520

470.6227, 0.3206,
0.3413

■ 53.8835, 0.3289,
0.3545

123.3166, 0.3251,
0.3483

■ 38.5085, 0.3308,
0.3575

155.5118, 0.3241,
0.3468

■ 26.3776, 0.3332,
0.3614

192.8729, 0.3234,
0.3456

■ 17.1063, 0.3363,
0.3665

235.7844, 0.3227,
0.3445

■ 10.3103, 0.3406,
0.3736

284.6308, 0.3221,
0.3435

■ 5.6052, 0.3466,
0.3838

339.7964, 0.3215,

■ 2.6065, 0.3558,

0.3427

0.4000

401.6656, 0.3211,
0.3420

■ 0.9300, 0.3983,
0.4606

■ 0.0000, 0.0000,
0.0000

■ 72.8869, 0.3274,
0.3520

■ 72.8869, 0.3274,
0.3520

■ 71.3561, 0.3429,
0.3761

■ 74.5815, 0.3124,
0.3286

■ 69.9728, 0.3585,
0.4002

■ 76.4365, 0.2983,
0.3063

■ 68.7332, 0.3738,
0.4234

■ 77.5106, 0.2934,
0.2992

■ 67.6297, 0.3881,
0.4449

■ 78.0726, 0.2934,
0.3003

66.6537, 0.4008,
0.4636

78.6380, 0.2934,
0.3013

65.7960, 0.4113,
0.4786

79.2068, 0.2935,
0.3024

65.0458, 0.4193,
0.4895

79.7789, 0.2935,
0.3035

64.3905, 0.4246,
0.4959

80.3544, 0.2935,
0.3046

63.8082, 0.4276,
0.4986

80.9333, 0.2935,
0.3056

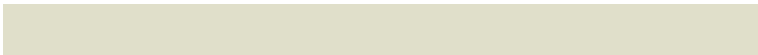
Harmonies

Analogous

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



72.8869, 0.3362, 0.3481



72.8869, 0.3274, 0.3520



72.8869, 0.3148, 0.3495

Triad

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



72.8869, 0.3274, 0.3520



72.8869, 0.2876, 0.3180



72.8869, 0.3234, 0.3172

Complementary

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



72.8869, 0.3274, 0.3520



60.6693, 0.2974, 0.3049

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.



72.8869, 0.3102, 0.3095



72.8869, 0.3274, 0.3520



72.8869, 0.2897, 0.3097

Square

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



72.8869, 0.3274, 0.3520



72.8869, 0.2920, 0.3295



72.8869, 0.2979, 0.3068



72.8869, 0.3338, 0.3280

Rectangle

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



72.8869, 0.3274, 0.3520



72.8869, 0.3060, 0.3445



72.8869, 0.2979, 0.3068



72.8869, 0.3191, 0.3142

Sweetspot

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



72.8901, 0.3274, 0.3520



99.2929, 0.3172, 0.3360



62.4180, 0.3291, 0.3278



21.2130, 0.3184, 0.3379



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.



72.8901, 0.3274, 0.3520



97.2894, 0.3309, 0.3574



71.8963, 0.3201, 0.3536



15.9159, 0.3268, 0.3511



37.1787, 0.4275, 0.4987



2.6108, 0.4262, 0.4998

Inverse Universe

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



60.6693, 0.2974, 0.3049



77.4189, 0.2936, 0.2989



61.6184, 0.3047, 0.3043



13.3438, 0.2981, 0.3059



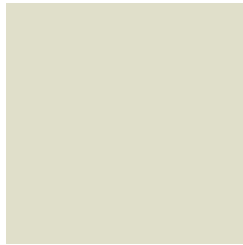
3.3082, 0.1509, 0.0630



0.2655, 0.1533, 0.0718

Previews

White Background



This preview shows how the Yxy color 72.8869, 0.3274, 0.3520 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 72.8869, 0.3274, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

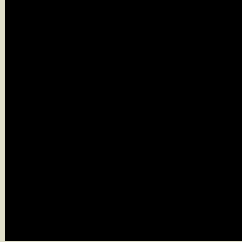
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

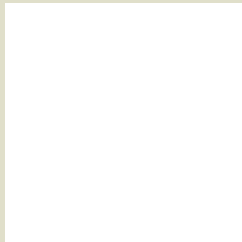
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8869, 0.3274, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 72.8869, 0.3274, 0.3520.



This preview shows how white text looks on a background with the Yxy color 72.8869, 0.3274, 0.3520.

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

72.8869, 0.3274, 0.3520

Protanopia

72.9189, 0.3335, 0.3507

Deuteranopia

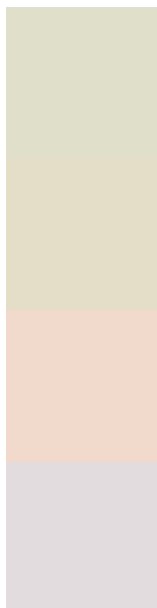
72.7768, 0.3469, 0.3394



Tritanopia

72.7990, 0.3093, 0.3111

Trichromacy



Original Color

72.8869, 0.3274, 0.3520

Protanomaly

72.9536, 0.3312, 0.3519

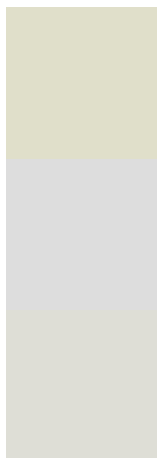
Deuteranomaly

72.6383, 0.3402, 0.3439

Tritanomaly

72.8450, 0.3157, 0.3258

Monochromacy



Original Color

72.8869, 0.3274, 0.3520

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6272, 0.3180, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8869, 0.3274, 0.3520 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(224, 223, 202)` looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 202)  
}
```

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(224, 223, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 202) }
```

Border

The CSS property to change the border of an element to Yxy 72.8869, 0.3274, 0.3520 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(224, 223, 202) }
```

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

```
.border{ border-color:rgb(224, 223, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 223, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 202);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8869, 0.3274, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 202) }
```

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

```
.background{ background-color: rgb(224,  
223, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor