

Converting Colors

$Yxy(72.3520, 0.3247, 0.3356)$

Have a look what the booklet for
Yxy(72.3520, 0.3247, 0.3356)
contains.

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Color

Yxy(72.2901, 0.3247, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	E6DBD5
RGB	230, 219, 213
RGB Percent	90%, 86%, 84%
CMY	0.0982, 0.1411, 0.1647
CMYK	0.00, 0.05, 0.07, 0.10
HSL	21°, 25%, 87%
HSV	21°, 7%, 90%
XYZ	69.9630, 72.2901, 73.2166
YIQ	221.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

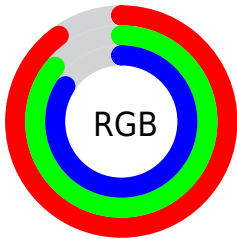
Format	Color
RYB	230, 222, 213
Decimal	15129557
CIELab	88.11, 2.71, 4.28
CIELCh	88, 5.066, 57.625
Yxy	72.2901, 0.3247, 0.3355
Android (android.graphics.Color)	4293319637 (0xFFE6DBD5)
YUV	221.6050, -4.2423, 7.3624
Hunter-Lab	85.0236, -1.9097, 8.4599

Details

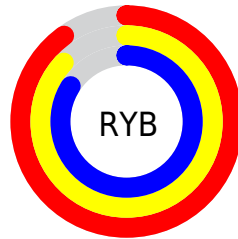
The Yxy color **72.2901, 0.3247, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1314, 0.3014, 0.3224**, and the grayscale version is **72.7776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0182, 0.3276, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **63.8104, 0.3434, 0.3448**, and if you desaturate by 10%, it is **81.6310, 0.3088, 0.3268**.

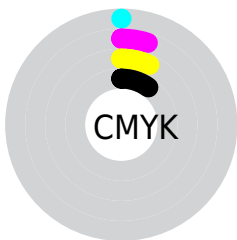
Distribution



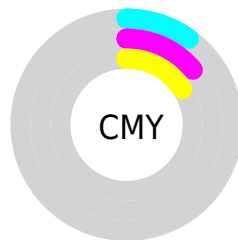
- Red (90%)
- Green (86%)
- Blue (84%)



- Red (90%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2901, 0.3247, 0.3355 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 72.2901, 0.3247, 0.3355 by changing the saturation by 10% instead.

■ 72.2901, 0.3247,
0.3355

■ 72.2901, 0.3247,
0.3355

468.5507, 0.3191,
0.3325

■ 53.3957, 0.3260,
0.3362

122.4689, 0.3228,
0.3345

■ 38.1187, 0.3276,
0.3370

154.5221, 0.3220,
0.3341

■ 26.0749, 0.3296,
0.3381

191.7303, 0.3214,
0.3337

■ 16.8797, 0.3322,
0.3394

234.4779, 0.3208,
0.3334

■ 10.1487, 0.3359,
0.3413

283.1494, 0.3203,
0.3332

■ 5.4977, 0.3412,
0.3440

338.1291, 0.3199,

■ 2.5421, 0.3496,

0.3329

0.3482

399.8014, 0.3195,
0.3327

0.8977, 0.3691,
0.3594

0.0000, 0.0000,
0.0000

72.2901, 0.3247,
0.3355

72.2901, 0.3247,
0.3355

63.8104, 0.3434,
0.3448

81.6310, 0.3088,
0.3268

56.1576, 0.3654,
0.3546

91.5875, 0.2975,
0.3226

49.3087, 0.3909,
0.3644

95.5550, 0.2975,
0.3290

43.2363, 0.4199,
0.3737

■ 37.9112, 0.4522,
0.3816

■ 33.3022, 0.4866,
0.3870

■ 29.3755, 0.5210,
0.3885

■ 26.0940, 0.5525,
0.3851

■ 23.4146, 0.5783,
0.3767

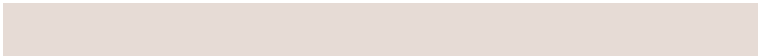
Harmonies

Analogous

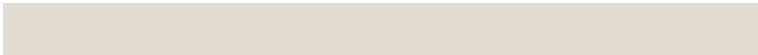
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2901, 0.3236, 0.3305



72.2901, 0.3247, 0.3355



72.2901, 0.3225, 0.3389

Triad

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



72.2901, 0.3247, 0.3355



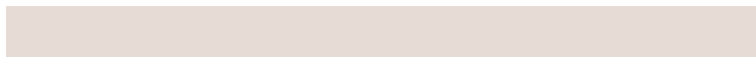
72.2901, 0.3058, 0.3329



72.2901, 0.3077, 0.3187

Complementary

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



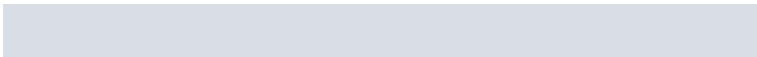
72.2901, 0.3247, 0.3355



73.1314, 0.3014, 0.3224

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.



72.2901, 0.3030, 0.3192



72.2901, 0.3247, 0.3355



72.2901, 0.3019, 0.3274

Square

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



72.2901, 0.3247, 0.3355



72.2901, 0.3116, 0.3374



72.2901, 0.3009, 0.3224



72.2901, 0.3138, 0.3208

Rectangle

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



72.2901, 0.3247, 0.3355



72.2901, 0.3195, 0.3397



72.2901, 0.3009, 0.3224



72.2901, 0.3059, 0.3185

Sweetspot

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



72.2933, 0.3247, 0.3355



97.5954, 0.3158, 0.3307



69.7870, 0.3176, 0.3172



20.9147, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



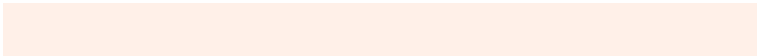
21.4041, 0.3127, 0.3290

Same Dimension

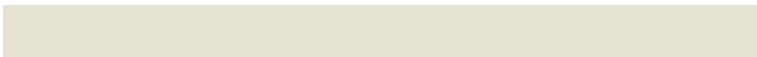
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2933, 0.3247, 0.3355



89.5275, 0.3276, 0.3370



76.7813, 0.3239, 0.3444



15.2013, 0.3284, 0.3374



13.1231, 0.5816, 0.3764



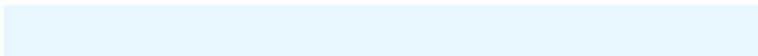
1.1401, 0.5536, 0.3986

Inverse Universe

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



73.1314, 0.3014, 0.3224



90.8136, 0.2987, 0.3208



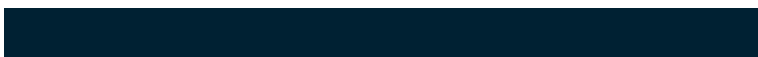
68.7352, 0.3014, 0.3131



15.4299, 0.2981, 0.3205



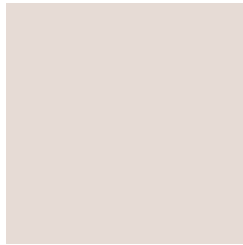
15.5200, 0.1913, 0.2087



1.3205, 0.1967, 0.2282

Previews

White Background



This preview shows how the Yxy color 72.2901, 0.3247, 0.3355 looks on a white background.

Color Contrast Check

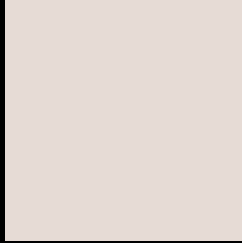
Large Text (above 18pt) WCAG AA × Fail

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 72.2901, 0.3247, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

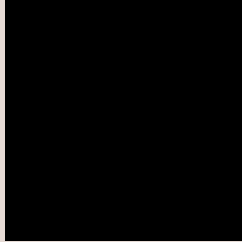
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

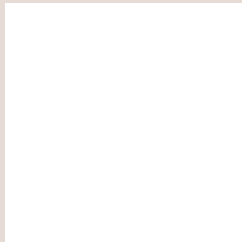
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2901, 0.3247, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 72.2901, 0.3247, 0.3355.

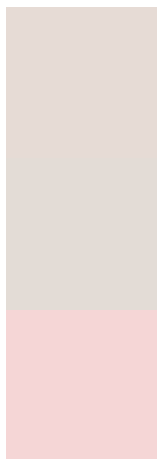


This preview shows how white text looks on a background with the Yxy color 72.2901, 0.3247, 0.3355.

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

72.2901, 0.3247, 0.3355

Protanopia

72.3723, 0.3218, 0.3355

Deuteranopia

72.3607, 0.3358, 0.3291



Tritanopia

72.3186, 0.3136, 0.3112

Trichromacy



Original Color

72.2901, 0.3247, 0.3355

Protanomaly

72.5354, 0.3225, 0.3355

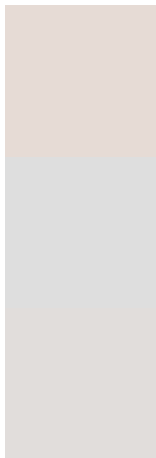
Deuteranomaly

72.4920, 0.3318, 0.3312

Tritanomaly

72.2725, 0.3175, 0.3195

Monochromacy



Original Color

72.2901, 0.3247, 0.3355

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8349, 0.3169, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2901, 0.3247, 0.3355 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(230, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(230, 219, 213)  
}
```

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(230, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 213) }
```

Border

The CSS property to change the border of an element to Yxy 72.2901, 0.3247, 0.3355 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(230, 219, 213) }
```

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

```
.border{ border-color:rgb(230, 219, 213) }
```

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

Here you see how a box with a 4 pixel rgb(230, 219, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
213) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2901, 0.3247, 0.3355$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 213) }
```

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

```
.background{ background-color: rgb(230,  
219, 213) }
```

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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