

Converting Colors

$Yxy(72.4224, 0.3295, 0.3497)$

Have a look what the booklet for
Yxy(72.4224, 0.3295, 0.3497)
contains.

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Color

Yxy(72.3081, 0.3299, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	E3DDCA
RGB	227, 221, 202
RGB Percent	89%, 87%, 79%
CMY	0.1095, 0.1334, 0.2078
CMYK	0.00, 0.03, 0.11, 0.11
HSL	45°, 31%, 84%
HSV	45°, 11%, 89%
XYZ	68.2140, 72.3081, 66.2497
YIQ	220.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

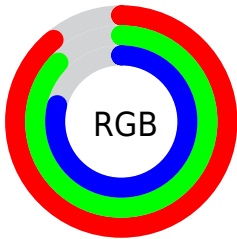
Format	Color
R _Y B	210, 227, 202
Decimal	14933450
CIE Lab	88.12, -1.12, 10.04
CIE LCh	88, 10.099, 96.360
Yxy	72.3081, 0.3299, 0.3497
Android (android.graphics.Color)	4293123530 (0xFFE3DDCA)
YUV	220.6280, -9.1836, 5.5882
Hunter-Lab	85.0342, -5.6179, 13.3314

Details

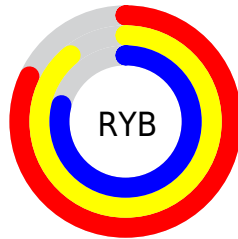
The Yxy color **72.3081, 0.3299, 0.3497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2743, 0.2955, 0.3074**, and the grayscale version is **72.1013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1812, 0.3343, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **68.4466, 0.3468, 0.3692**, and if you desaturate by 10%, it is **76.4300, 0.3143, 0.3309**.

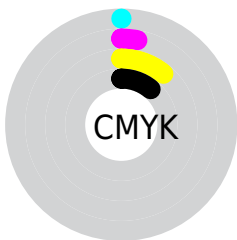
Distribution



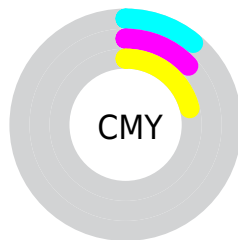
- Red (89%)
- Green (87%)
- Blue (79%)



- Red (82%)
- Yellow (89%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3081, 0.3299, 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 72.3081, 0.3299, 0.3497 by changing the saturation by 10% instead.

■ 72.3081, 0.3299,
0.3497

■ 72.3081, 0.3299,
0.3497

468.6133, 0.3219,
0.3401

■ 53.4104, 0.3317,
0.3519

122.4945, 0.3271,
0.3464

■ 38.1305, 0.3340,
0.3546

154.5519, 0.3261,
0.3451

■ 26.0840, 0.3368,
0.3581

191.7647, 0.3251,
0.3439

■ 16.8865, 0.3405,
0.3627

234.5173, 0.3243,
0.3430

■ 10.1536, 0.3456,
0.3689

283.1941, 0.3236,
0.3421

■ 5.5009, 0.3529,
0.3779

338.1794, 0.3230,

■ 2.5441, 0.3643,

0.3414

0.3921

399.8577, 0.3224,
0.3407

0.8986, 0.4130,
0.4489

0.0000, 0.0000,
0.0000

72.3081, 0.3299,
0.3497

72.3081, 0.3299,
0.3497

68.4466, 0.3468,
0.3692

76.4300, 0.3143,
0.3309

64.8283, 0.3648,
0.3890

80.8103, 0.3000,
0.3131

61.4480, 0.3834,
0.4084

84.4450, 0.2956,
0.3112

58.2968, 0.4021,
0.4264

87.7004, 0.2957,
0.3169

■ 55.3649, 0.4203,
0.4420

■ 91.0552, 0.2957,
0.3225

■ 52.6415, 0.4369,
0.4543

■ 94.5102, 0.2958,
0.3281

■ 50.1145, 0.4513,
0.4622

■ 95.0826, 0.2958,
0.3290

■ 47.7693, 0.4628,
0.4652

■ 45.7999, 0.4708,
0.4644

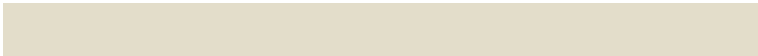
Harmonies

Analogous

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



72.3081, 0.3361, 0.3442



72.3081, 0.3299, 0.3497



72.3081, 0.3192, 0.3496

Triad

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



72.3081, 0.3299, 0.3497



72.3081, 0.2901, 0.3225



72.3081, 0.3183, 0.3150

Complementary

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



72.3081, 0.3299, 0.3497



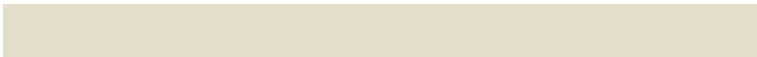
63.2743, 0.2955, 0.3074

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.



72.3081, 0.3059, 0.3093



72.3081, 0.3299, 0.3497



72.3081, 0.2899, 0.3134

Square

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



72.3081, 0.3299, 0.3497



72.3081, 0.2963, 0.3336



72.3081, 0.2956, 0.3087



72.3081, 0.3293, 0.3242

Rectangle

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



72.3081, 0.3299, 0.3497



72.3081, 0.3109, 0.3462



72.3081, 0.2956, 0.3087



72.3081, 0.3142, 0.3126

Sweetspot

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



72.3113, 0.3299, 0.3497



98.3363, 0.3173, 0.3346



63.1607, 0.3277, 0.3221



20.9540, 0.3185, 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.



72.3113, 0.3299, 0.3497



93.0118, 0.3333, 0.3537



74.5850, 0.3246, 0.3565



16.1924, 0.3274, 0.3467



26.8828, 0.4698, 0.4651



2.1289, 0.4609, 0.4722

Inverse Universe

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



63.2743, 0.2955, 0.3074



79.2685, 0.2921, 0.3031



61.2511, 0.3000, 0.3007



14.4533, 0.2980, 0.3107



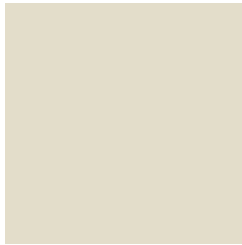
4.9908, 0.1577, 0.0878



0.5117, 0.1654, 0.1153

Previews

White Background



This preview shows how the Yxy color 72.3081, 0.3299, 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 72.3081, 0.3299, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

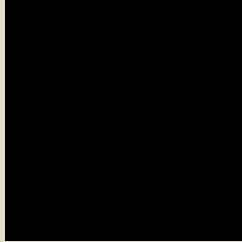
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

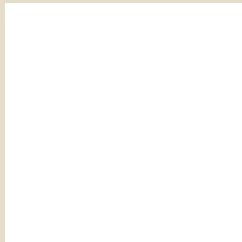
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3081, 0.3299, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 72.3081, 0.3299, 0.3497.

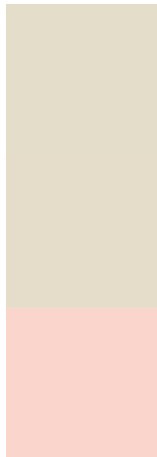


This preview shows how white text looks on a background with the Yxy color 72.3081, 0.3299, 0.3497.

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

72.3081, 0.3299, 0.3497

Protanopia

72.1087, 0.3315, 0.3486

Deuteranopia

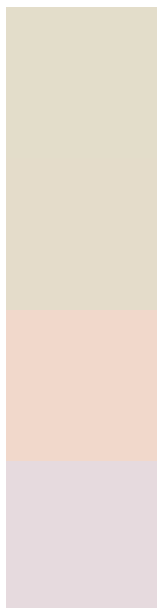
72.0879, 0.3463, 0.3384



Tritanopia

71.9839, 0.3121, 0.3111

Trichromacy



Original Color

72.3081, 0.3299, 0.3497

Protanomaly

71.9446, 0.3307, 0.3486

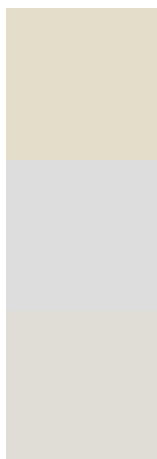
Deuteranomaly

72.1243, 0.3404, 0.3428

Tritanomaly

72.2397, 0.3187, 0.3248

Monochromacy



Original Color

72.3081, 0.3299, 0.3497

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2559, 0.3188, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3081, 0.3299, 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(227, 221, 202)` looks like.

```
.text, #text, p{  
    color:rgb(227, 221, 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(227, 221, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 221, 202) }
```

Border

The CSS property to change the border of an element to Yxy 72.3081, 0.3299, 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(227, 221, 202) }
```

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

```
.border{ border-color:rgb(227, 221, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 221, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 221, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 221, 202);  
box-shadow:4px 4px 4px 4px rgb(227, 221,  
202) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3081, 0.3299, 0.3497$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 221, 202) }
```

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

```
.background{ background-color: rgb(227,  
221, 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](#).

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