

Converting Colors

$Yxy(72.5236, 0.3427, 0.3499)$

Have a look what the booklet for
Yxy(72.5236, 0.3427, 0.3499)
contains.

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Color

Yxy(72.7453, 0.3429, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	F0DAC6
RGB	240, 218, 198
RGB Percent	94%, 85%, 78%
CMY	0.0587, 0.1451, 0.2235
CMYK	0.00, 0.09, 0.18, 0.06
HSL	29°, 58%, 86%
HSV	29°, 18%, 94%
XYZ	71.2086, 72.7453, 63.7118
YIQ	222.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

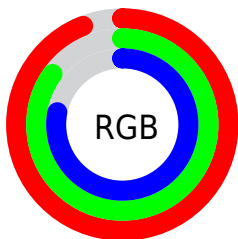
Format	Color
RYB	240, 236, 198
Decimal	15784646
CIELab	88.33, 4.44, 12.59
CIELCh	88, 13.349, 70.592
Yxy	72.7453, 0.3429, 0.3503
Android (android.graphics.Color)	4293974726 (0xFFF0DAC6)
YUV	222.2980, -11.9789, 15.5247
Hunter-Lab	85.2909, -0.2309, 15.4143

Details

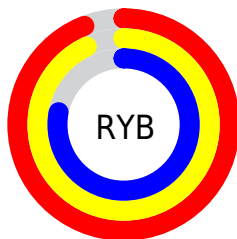
The Yxy color **72.7453, 0.3429, 0.3503** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5072, 0.2852, 0.3067**, and the grayscale version is **73.3490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3983, 0.3506, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **65.4454, 0.3636, 0.3632**, and if you desaturate by 10%, it is **80.7230, 0.3248, 0.3379**.

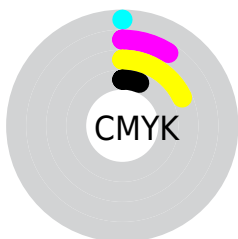
Distribution



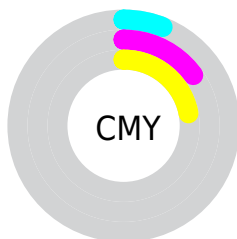
- Red (94%)
- Green (85%)
- Blue (78%)



- Red (94%)
- Yellow (93%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7453, 0.3429, 0.3503 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 72.7453, 0.3429, 0.3503 by changing the saturation by 10% instead.


 72.7453, 0.3429,
0.3503

 72.7453, 0.3429,
0.3503


470.1316, 0.3289,
0.3406

 53.7677, 0.3461,
0.3525


123.1156, 0.3380,
0.3469

 38.4160, 0.3501,
0.3552


155.2770, 0.3361,
0.3456

 26.3057, 0.3552,
0.3586


192.6019, 0.3345,
0.3445

 17.0525, 0.3618,
0.3629

235.4747, 0.3331,
0.3435

 10.2719, 0.3708,
0.3688

284.2796, 0.3318,
0.3426

 5.5796, 0.3838,
0.3770

339.4011, 0.3307,

 2.5912, 0.4041,

0.3419

401.2237, 0.3297,
0.3412

0.3891

0.9222, 0.4870,
0.4525

0.0000, 0.0000,
0.0000

72.7453, 0.3429,
0.3503

72.7453, 0.3429,
0.3503

65.4454, 0.3636,
0.3632

80.7230, 0.3248,
0.3379

58.7943, 0.3870,
0.3762

89.3871, 0.3090,
0.3262

52.7751, 0.4129,
0.3886

97.2719, 0.3036,
0.3290

47.3662, 0.4408,
0.3994

■ 42.5447, 0.4697,
0.4074

■ 38.2856, 0.4981,
0.4113

■ 34.5610, 0.5238,
0.4101

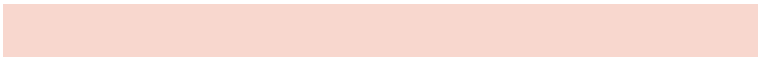
■ 31.3380, 0.5454,
0.4033

■ 30.6055, 0.5504,
0.4012

Harmonies

Analogous

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



72.7453, 0.3439, 0.3384



72.7453, 0.3429, 0.3503



72.7453, 0.3336, 0.3568

Triad

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



72.7453, 0.3429, 0.3503



72.7453, 0.2895, 0.3329



72.7453, 0.3060, 0.3039

Complementary

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



72.7453, 0.3429, 0.3503



69.5072, 0.2852, 0.3067

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.



72.7453, 0.2918, 0.3020



72.7453, 0.3429, 0.3503



72.7453, 0.2825, 0.3183

Square

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



72.7453, 0.3429, 0.3503



72.7453, 0.3027, 0.3468



72.7453, 0.2833, 0.3071



72.7453, 0.3223, 0.3121

Rectangle

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



72.7453, 0.3429, 0.3503



72.7453, 0.3242, 0.3570



72.7453, 0.2833, 0.3071



72.7453, 0.3008, 0.3025

Sweetspot

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



72.7486, 0.3429, 0.3503



95.0142, 0.3206, 0.3349



64.1085, 0.3292, 0.3053



20.1904, 0.3218, 0.3357



0.0000, 0.0000, 0.0000



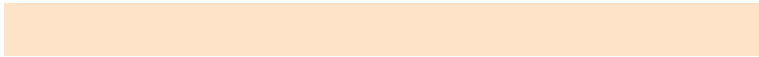
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7486, 0.3429, 0.3503



80.3931, 0.3500, 0.3549



84.1292, 0.3393, 0.3712



16.9990, 0.3281, 0.3403



17.0107, 0.5478, 0.4033



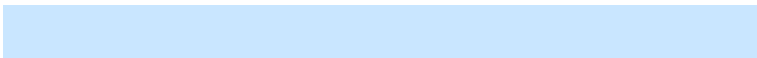
1.6131, 0.5265, 0.4202

Inverse Universe

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



69.5072, 0.2852, 0.3067



76.0319, 0.2794, 0.3017



59.3297, 0.2840, 0.2830



16.6005, 0.2980, 0.3175



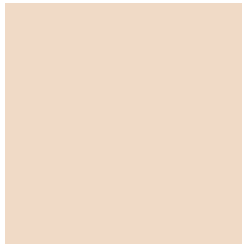
11.8593, 0.1795, 0.1661



1.1858, 0.1858, 0.1890

Previews

White Background



This preview shows how the Yxy color 72.7453, 0.3429, 0.3503 looks on a white background.

Color Contrast Check

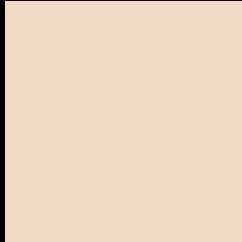
Large Text (above 18pt) WCAG AA × Fail

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 72.7453, 0.3429, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

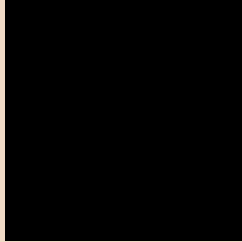
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7453, 0.3429, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 72.7453, 0.3429, 0.3503.



This preview shows how white text looks on a background with the Yxy color 72.7453, 0.3429, 0.3503.

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

72.7453, 0.3429, 0.3503

Protanopia

72.8720, 0.3342, 0.3518

Deuteranopia

72.7259, 0.3513, 0.3446



Tritanopia

72.5348, 0.3238, 0.3116

Trichromacy



Original Color

72.7453, 0.3429, 0.3503

Protanomaly

72.8023, 0.3373, 0.3516

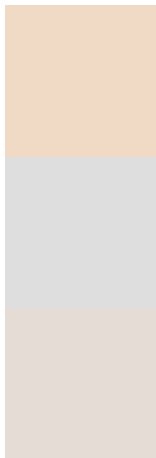
Deuteranomaly

72.4986, 0.3480, 0.3458

Tritanomaly

72.7175, 0.3313, 0.3259

Monochromacy



Original Color

72.7453, 0.3429, 0.3503

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1750, 0.3238, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7453, 0.3429, 0.3503 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(240, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(240, 218, 198)  
}
```

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(240, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 218, 198) }
```

Border

The CSS property to change the border of an element to Yxy 72.7453, 0.3429, 0.3503 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(240, 218, 198) }
```

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

```
.border{ border-color:rgb(240, 218, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 218, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 218, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 218, 198);  
box-shadow:4px 4px 4px 4px rgb(240, 218,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7453, 0.3429, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 218, 198) }
```

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

```
.background{ background-color: rgb(240,  
218, 198) }
```

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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