

Converting Colors

$Y_{xy}(72.5750, 0.3294, 0.3435)$

Have a look what the booklet for
Yxy(72.5750, 0.3294, 0.3435)
contains.

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Color

Yxy(72.5144, 0.3288, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	E6DCCF
RGB	230, 220, 207
RGB Percent	90%, 86%, 81%
CMY	0.0979, 0.1373, 0.1884
CMYK	0.00, 0.04, 0.10, 0.10
HSL	34°, 32%, 86%
HSV	34°, 10%, 90%
XYZ	69.4921, 72.5144, 69.3441
YIQ	221.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

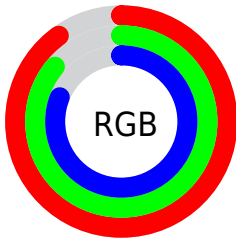
Format	Color
R_{YB}	225, 230, 207
Decimal	15129807
CIE Lab	88.22, 1.23, 7.61
CIE LCh	88, 7.708, 80.792
Yxy	72.5144, 0.3288, 0.3431
Android (android.graphics.Color)	4293319887 (0xFFE6DCCF)
YUV	221.5080, -7.1524, 7.4475
Hunter-Lab	85.1554, -3.3548, 11.3275

Details

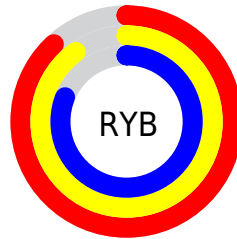
The Yxy color **72.5144, 0.3288, 0.3431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5996, 0.2972, 0.3145**, and the grayscale version is **72.7309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2088, 0.3319, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **66.3785, 0.3469, 0.3579**, and if you desaturate by 10%, it is **79.1348, 0.3128, 0.3290**.

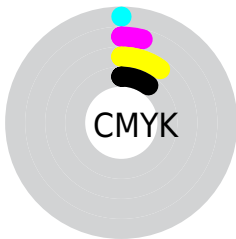
Distribution



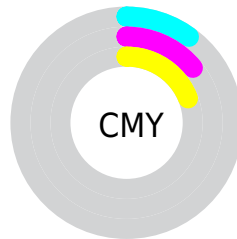
- Red (90%)
- Green (86%)
- Blue (81%)



- Red (88%)
- Yellow (90%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5144, 0.3288, 0.3431 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 72.5144, 0.3288, 0.3431 by changing the saturation by 10% instead.

■ 72.5144, 0.3288,
0.3431

■ 72.5144, 0.3288,
0.3431

469.3301, 0.3213,
0.3366

■ 53.5790, 0.3305,
0.3446

122.7876, 0.3262,
0.3408

■ 38.2652, 0.3326,
0.3464

154.8942, 0.3252,
0.3400

■ 26.1886, 0.3353,
0.3487

192.1599, 0.3243,
0.3392

■ 16.9648, 0.3389,
0.3518

234.9692, 0.3236,
0.3385

■ 10.2094, 0.3437,
0.3559

283.7065, 0.3229,
0.3380

■ 5.5380, 0.3507,
0.3619

338.7561, 0.3223,

■ 2.5662, 0.3617,

0.3375

0.3712

400.5025, 0.3218,
0.3370

0.9097, 0.3957,
0.4019

0.0000, 0.0000,
0.0000

72.5144, 0.3288,
0.3431

72.5144, 0.3288,
0.3431

66.3785, 0.3469,
0.3579

79.1348, 0.3128,
0.3290

60.7050, 0.3671,
0.3731

86.2421, 0.2986,
0.3159

55.4840, 0.3893,
0.3882

92.4253, 0.2975,
0.3240

50.7015, 0.4131,
0.4024

95.5677, 0.2976,
0.3290

■ 46.3427, 0.4379,
0.4146

■ 42.3913, 0.4626,
0.4237

■ 38.8296, 0.4860,
0.4285

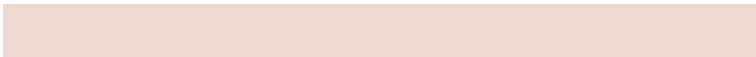
■ 35.6375, 0.5064,
0.4280

■ 32.7914, 0.5235,
0.4225

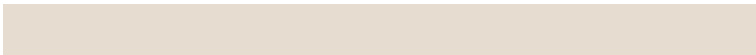
Harmonies

Analogous

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



72.5144, 0.3310, 0.3372



72.5144, 0.3288, 0.3431



72.5144, 0.3222, 0.3453

Triad

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



72.5144, 0.3288, 0.3431



72.5144, 0.2974, 0.3284



72.5144, 0.3121, 0.3156

Complementary

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



72.5144, 0.3288, 0.3431



68.5996, 0.2972, 0.3145

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.



72.5144, 0.3031, 0.3132



72.5144, 0.3288, 0.3431



72.5144, 0.2947, 0.3204

Square

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



72.5144, 0.3288, 0.3431



72.5144, 0.3041, 0.3368



72.5144, 0.2968, 0.3149



72.5144, 0.3213, 0.3214

Rectangle

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



72.5144, 0.3288, 0.3431



72.5144, 0.3163, 0.3442



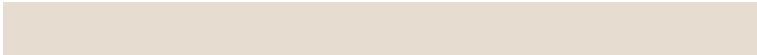
72.5144, 0.2968, 0.3149



72.5144, 0.3089, 0.3143

Sweetspot

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



72.5176, 0.3288, 0.3431



97.4127, 0.3173, 0.3332



66.4657, 0.3228, 0.3178



20.7044, 0.3186, 0.3343



0.0000, 0.0000, 0.0000



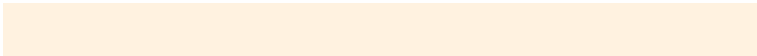
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5176, 0.3288, 0.3431



89.9851, 0.3323, 0.3461



77.7504, 0.3268, 0.3537



15.7128, 0.3278, 0.3423



18.8072, 0.5214, 0.4242



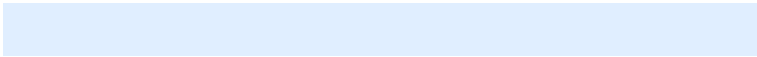
1.5738, 0.5024, 0.4392

Inverse Universe

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



68.5996, 0.2972, 0.3145



84.1100, 0.2939, 0.3113



63.7525, 0.2979, 0.3032



14.9131, 0.2981, 0.3154



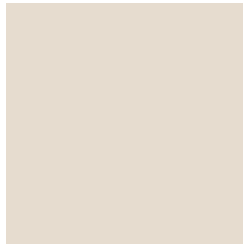
8.6302, 0.1715, 0.1372



0.8197, 0.1793, 0.1656

Previews

White Background



This preview shows how the Yxy color 72.5144, 0.3288, 0.3431 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 72.5144, 0.3288, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

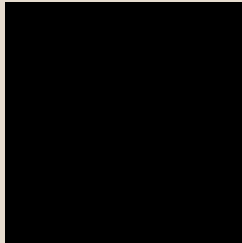
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

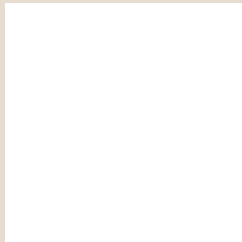
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5144, 0.3288, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 72.5144, 0.3288, 0.3431.

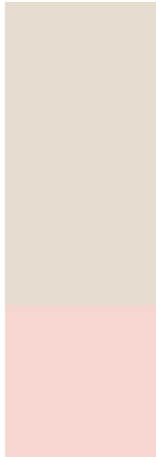


This preview shows how white text looks on a background with the Yxy color 72.5144, 0.3288, 0.3431.

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

72.5144, 0.3288, 0.3431

Protanopia

72.3494, 0.3280, 0.3431

Deuteranopia

72.6037, 0.3424, 0.3353



Tritanopia

72.4874, 0.3143, 0.3112

Trichromacy



Original Color

72.5144, 0.3288, 0.3431

Protanomaly

72.3494, 0.3280, 0.3431

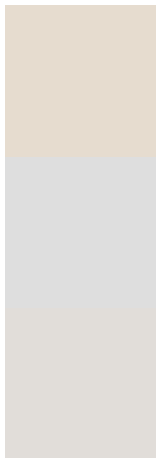
Deuteranomaly

72.3666, 0.3368, 0.3375

Tritanomaly

72.3312, 0.3196, 0.3216

Monochromacy



Original Color

72.5144, 0.3288, 0.3431

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7302, 0.3182, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5144, 0.3288, 0.3431 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, 220, 207)` looks like.

```
.text, #text, p{  
    color:rgb(230, 220, 207)  
}
```

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, 220, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 220, 207) }
```

Border

The CSS property to change the border of an element to Yxy 72.5144, 0.3288, 0.3431 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, 220, 207) }
```

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

```
.border{ border-color:rgb(230, 220, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 220, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 220, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 220, 207);  
box-shadow:4px 4px 4px 4px rgb(230, 220,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5144, 0.3288, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 220, 207) }
```

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

```
.background{ background-color: rgb(230,  
220, 207) }
```

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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