

Converting Colors

$Yxy(72.5335, 0.3288, 0.3416)$

Have a look what the booklet for
Yxy(72.5335, 0.3288, 0.3416)
contains.

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Color

Yxy(72.7294, 0.3288, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	E7DCD0
RGB	231, 220, 208
RGB Percent	91%, 86%, 82%
CMY	0.0942, 0.1372, 0.1844
CMYK	0.00, 0.05, 0.10, 0.09
HSL	31°, 32%, 86%
HSV	31°, 10%, 91%
XYZ	69.9223, 72.7294, 70.0074
YIQ	221.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

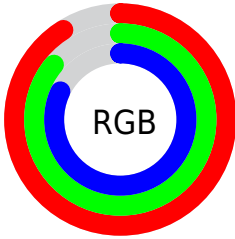
Format	Color
R _Y B	229, 231, 208
Decimal	15195344
CIE Lab	88.32, 1.72, 7.24
CIE LCh	88, 7.440, 76.653
Yxy	72.7294, 0.3288, 0.3420
Android (android.graphics.Color)	4293385424 (0xFFE7DCD0)
YUV	221.9210, -6.8631, 7.9623
Hunter-Lab	85.2815, -2.8906, 11.0261

Details

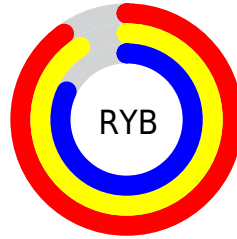
The Yxy color **72.7294, 0.3288, 0.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7941, 0.2973, 0.3157**, and the grayscale version is **73.0300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3573, 0.3320, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **66.0933, 0.3472, 0.3558**, and if you desaturate by 10%, it is **79.9171, 0.3127, 0.3289**.

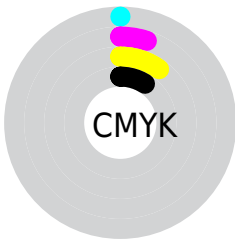
Distribution



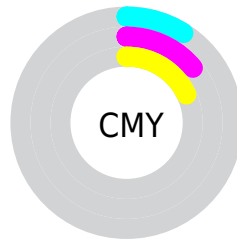
- Red (91%)
- Green (86%)
- Blue (82%)



- Red (90%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7294, 0.3288, 0.3420 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 72.7294, 0.3288, 0.3420 by changing the saturation by 10% instead.

72.7294, 0.3288,
0.3420

72.7294, 0.3288,
0.3420

470.0764, 0.3213,
0.3360

53.7547, 0.3305,
0.3434

123.0930, 0.3262,
0.3399

38.4056, 0.3326,
0.3450

155.2507, 0.3252,
0.3391

26.2976, 0.3353,
0.3472

192.5715, 0.3243,
0.3384

17.0464, 0.3388,
0.3500

235.4399, 0.3236,
0.3378

10.2676, 0.3437,
0.3537

284.2401, 0.3229,
0.3373

5.5767, 0.3507,
0.3592

339.3567, 0.3223,

2.5895, 0.3617,

0.3368

0.3676

401.1740, 0.3218,
0.3364

0.9214, 0.3934,
0.3942

0.0000, 0.0000,
0.0000

72.7294, 0.3288,
0.3420

72.7294, 0.3288,
0.3420

66.0933, 0.3472,
0.3558

79.9171, 0.3127,
0.3289

59.9849, 0.3679,
0.3699

87.6606, 0.2985,
0.3168

54.3922, 0.3909,
0.3840

94.4585, 0.2981,
0.3270

49.2994, 0.4158,
0.3973

95.7235, 0.2981,
0.3290

■ 44.6893, 0.4422,
0.4086

■ 40.5436, 0.4688,
0.4169

■ 36.8423, 0.4942,
0.4208

■ 33.5627, 0.5167,
0.4193

■ 30.6720, 0.5356,
0.4129

Harmonies

Analogous

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



72.7294, 0.3303, 0.3359



72.7294, 0.3288, 0.3420



72.7294, 0.3229, 0.3447

Triad

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



72.7294, 0.3288, 0.3420



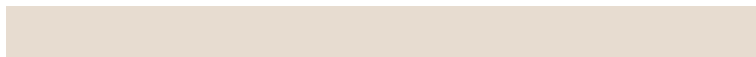
72.7294, 0.2986, 0.3296



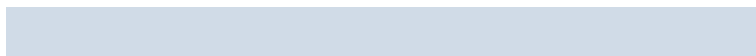
72.7294, 0.3108, 0.3155

Complementary

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



72.7294, 0.3288, 0.3420



69.7941, 0.2973, 0.3157

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.



72.7294, 0.3024, 0.3137



72.7294, 0.3288, 0.3420



72.7294, 0.2955, 0.3217

Square

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



72.7294, 0.3288, 0.3420



72.7294, 0.3055, 0.3375



72.7294, 0.2969, 0.3159



72.7294, 0.3199, 0.3208

Rectangle

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



72.7294, 0.3288, 0.3420



72.7294, 0.3174, 0.3440



72.7294, 0.2969, 0.3159



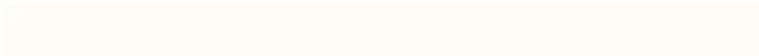
72.7294, 0.3079, 0.3145

Sweetspot

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



72.7326, 0.3288, 0.3420



97.2153, 0.3174, 0.3329



67.1999, 0.3222, 0.3171



20.6511, 0.3186, 0.3339



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.



72.7326, 0.3288, 0.3420



89.2383, 0.3325, 0.3449



78.6061, 0.3272, 0.3535



15.6113, 0.3279, 0.3413



17.4444, 0.5334, 0.4147



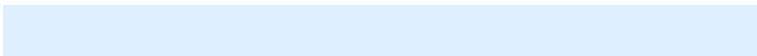
1.4749, 0.5122, 0.4315

Inverse Universe

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



69.7941, 0.2973, 0.3157



84.8456, 0.2939, 0.3126



64.3263, 0.2974, 0.3033



15.0134, 0.2981, 0.3164



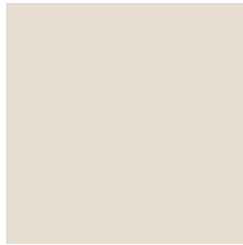
9.7284, 0.1751, 0.1503



0.9039, 0.1827, 0.1775

Previews

White Background



This preview shows how the Yxy color 72.7294, 0.3288, 0.3420 looks on a white background.

Color Contrast Check

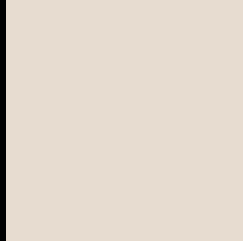
Large Text (above 18pt) WCAG AA × Fail

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 72.7294, 0.3288, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

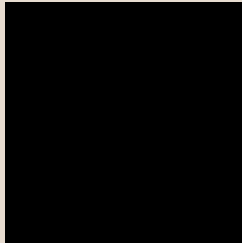
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

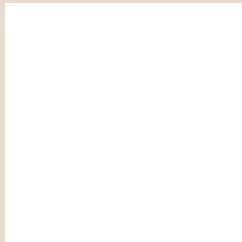
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7294, 0.3288, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 72.7294, 0.3288, 0.3420.

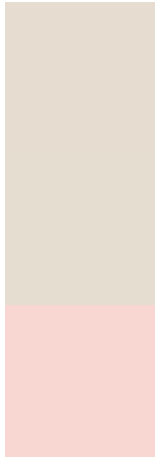


This preview shows how white text looks on a background with the Yxy color 72.7294, 0.3288, 0.3420.

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

72.7294, 0.3288, 0.3420

Protanopia

72.9250, 0.3272, 0.3431

Deuteranopia

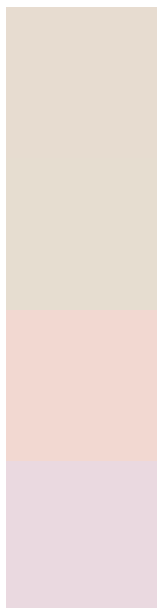
72.6530, 0.3417, 0.3343



Tritanopia

72.6571, 0.3150, 0.3113

Trichromacy



Original Color

72.7294, 0.3288, 0.3420

Protanomaly

73.0900, 0.3280, 0.3430

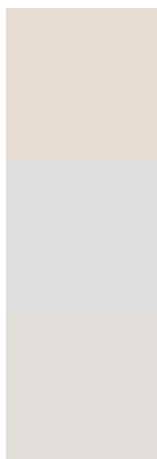
Deuteranomaly

72.5924, 0.3368, 0.3364

Tritanomaly

72.5000, 0.3203, 0.3216

Monochromacy



Original Color

72.7294, 0.3288, 0.3420

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 72.7294, 0.3288, 0.3420 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(231, 220, 208)` looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 208)  
}
```

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(231, 220, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 208) }
```

Border

The CSS property to change the border of an element to Yxy 72.7294, 0.3288, 0.3420 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(231, 220, 208) }
```

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

```
.border{ border-color:rgb(231, 220, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 220, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 208);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
208) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7294, 0.3288, 0.3420$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 208) }
```

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

```
.background{ background-color: rgb(231,  
220, 208) }
```

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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