

Converting Colors

$Y_{xy}(73.0255, 0.3380, 0.3478)$

Have a look what the booklet for
Yxy(73.0255, 0.3380, 0.3478)
contains.

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Color

Yxy(72.9318, 0.3376, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	EDDBCA
RGB	237, 219, 202
RGB Percent	93%, 86%, 79%
CMY	0.0706, 0.1411, 0.2079
CMYK	0.00, 0.08, 0.15, 0.07
HSL	29°, 49%, 86%
HSV	29°, 15%, 93%
XYZ	70.9153, 72.9318, 66.2100
YIQ	222.4440, 16.1850, -1.4710

Conversions

Conversions Part 2

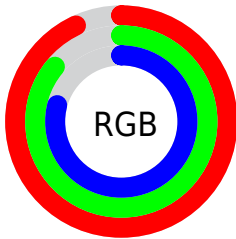
Format	Color
R _Y B	237, 235, 202
Decimal	15588298
CIE Lab	88.42, 3.43, 10.59
CIE LCh	88, 11.126, 72.059
Yxy	72.9318, 0.3376, 0.3472
Android (android.graphics.Color)	4293778378 (0xFFEDDBCA)
YUV	222.4440, -10.0789, 12.7656
Hunter-Lab	85.4001, -1.2259, 13.8131

Details

The Yxy color **72.9318, 0.3376, 0.3472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8453, 0.2896, 0.3101**, and the grayscale version is **73.4424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5128, 0.3436, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **65.7730, 0.3575, 0.3603**, and if you desaturate by 10%, it is **80.7345, 0.3202, 0.3347**.

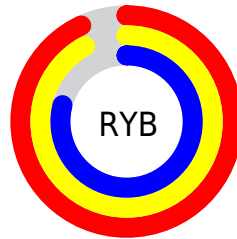
Distribution



Red (93%)

Green (86%)

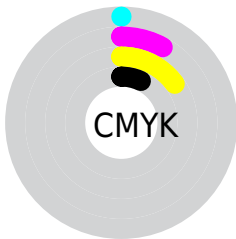
Blue (79%)



Red (93%)

Yellow (92%)

Blue (79%)

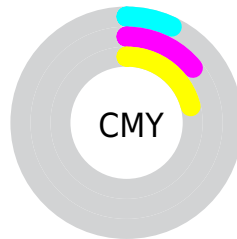


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9318, 0.3376, 0.3472 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 72.9318, 0.3376, 0.3472 by changing the saturation by 10% instead.


 72.9318, 0.3376,
0.3472

 72.9318, 0.3376,
0.3472


470.7784, 0.3260,
0.3389

 53.9202, 0.3403,
0.3491

123.3804, 0.3336,
0.3443

 38.5379, 0.3435,
0.3514


155.5862, 0.3320,
0.3432

 26.4004, 0.3477,
0.3543


192.9588, 0.3307,
0.3422

 17.1234, 0.3531,
0.3581

235.8826, 0.3295,
0.3414

 10.3225, 0.3606,
0.3632

284.7421, 0.3285,
0.3406

 5.6133, 0.3714,
0.3705

339.9217, 0.3276,

 2.6114, 0.3882,

0.3400

0.3814

401.8056, 0.3268,
0.3394

0.9324, 0.4471,
0.4272

0.0000, 0.0000,
0.0000

72.9318, 0.3376,
0.3472

72.9318, 0.3376,
0.3472

65.7730, 0.3575,
0.3603

80.7345, 0.3202,
0.3347

59.2306, 0.3799,
0.3735

89.1882, 0.3051,
0.3230

53.2891, 0.4049,
0.3864

96.7440, 0.3017,
0.3290

47.9289, 0.4320,
0.3980

■ 43.1287, 0.4603,
0.4072

■ 38.8658, 0.4884,
0.4126

■ 35.1148, 0.5145,
0.4131

■ 31.8470, 0.5369,
0.4080

■ 30.3131, 0.5471,
0.4038

Harmonies

Analogous

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



72.9318, 0.3388, 0.3375



72.9318, 0.3376, 0.3472



72.9318, 0.3296, 0.3522

Triad

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



72.9318, 0.3376, 0.3472



72.9318, 0.2930, 0.3317



72.9318, 0.3078, 0.3082

Complementary

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



72.9318, 0.3376, 0.3472



69.8453, 0.2896, 0.3101

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.



72.9318, 0.2958, 0.3064



72.9318, 0.3376, 0.3472



72.9318, 0.2874, 0.3196

Square

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



72.9318, 0.3376, 0.3472



72.9318, 0.3038, 0.3433



72.9318, 0.2884, 0.3104



72.9318, 0.3214, 0.3153

Rectangle

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



72.9318, 0.3376, 0.3472



72.9318, 0.3217, 0.3521



72.9318, 0.2884, 0.3104



72.9318, 0.3034, 0.3070

Sweetspot

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



72.9350, 0.3376, 0.3472



96.0615, 0.3190, 0.3338



65.4122, 0.3267, 0.3098



20.4056, 0.3202, 0.3347



0.0000, 0.0000, 0.0000



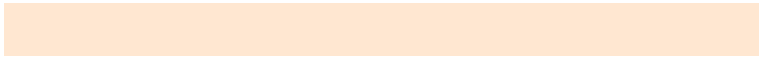
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9350, 0.3376, 0.3472



83.2516, 0.3439, 0.3515



82.4972, 0.3349, 0.3650



16.2628, 0.3281, 0.3405



16.8112, 0.5446, 0.4058



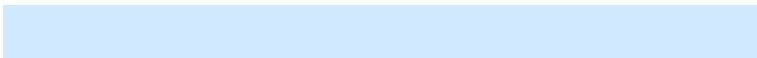
1.5121, 0.5227, 0.4232

Inverse Universe

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



69.8453, 0.2896, 0.3101



78.8907, 0.2843, 0.3054



61.1806, 0.2889, 0.2902



15.8291, 0.2981, 0.3173



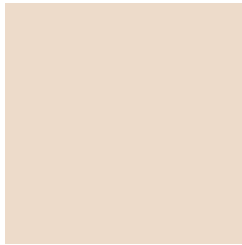
11.1737, 0.1785, 0.1627



1.0700, 0.1854, 0.1872

Previews

White Background



This preview shows how the Yxy color 72.9318, 0.3376, 0.3472 looks on a white background.

Color Contrast Check

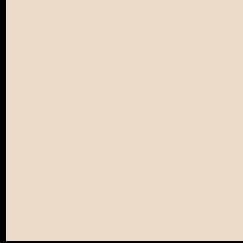
Large Text (above 18pt) WCAG AA × Fail

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 72.9318, 0.3376, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

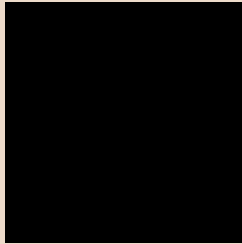
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

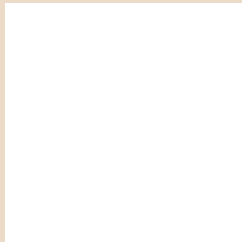
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9318, 0.3376, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 72.9318, 0.3376, 0.3472.



This preview shows how white text looks on a background with the Yxy color 72.9318, 0.3376, 0.3472.

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

72.9318, 0.3376, 0.3472

Protanopia

72.8477, 0.3314, 0.3485

Deuteranopia

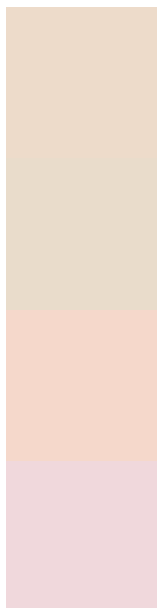
72.7289, 0.3476, 0.3405



Tritanopia

73.0712, 0.3208, 0.3125

Trichromacy



Original Color

72.9318, 0.3376, 0.3472

Protanomaly

72.8218, 0.3338, 0.3473

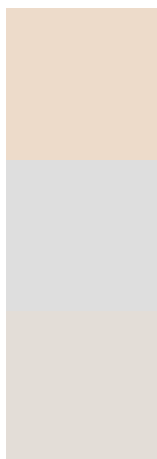
Deuteranomaly

72.8360, 0.3434, 0.3427

Tritanomaly

72.8043, 0.3276, 0.3249

Monochromacy



Original Color

72.9318, 0.3376, 0.3472

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.9501, 0.3210, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9318, 0.3376, 0.3472 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(237, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 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(237, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 202) }
```

Border

The CSS property to change the border of an element to Yxy 72.9318, 0.3376, 0.3472 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(237, 219, 202) }
```

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

```
.border{ border-color:rgb(237, 219, 202) }
```

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

Here you see how a box with a 4 pixel rgb(237, 219, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
202) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.9318, 0.3376, 0.3472$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 202) }
```

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

```
.background{ background-color: rgb(237,  
219, 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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