

Converting Colors

$Y_{xy}(71.6677, 0.3249, 0.3214)$

Have a look what the booklet for
Yxy(71.6677, 0.3249, 0.3214)
contains.

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Color

Yxy(71.5442, 0.3249, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	EED6DE
RGB	238, 214, 222
RGB Percent	93%, 84%, 87%
CMY	0.0665, 0.1608, 0.1293
CMYK	0.00, 0.10, 0.07, 0.07
HSL	340°, 41%, 89%
HSV	340°, 10%, 93%
XYZ	72.5038, 71.5442, 79.1092
YIQ	222.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

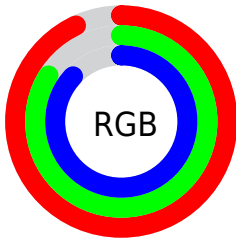
Format	Color
R _Y B	238, 214, 222
Decimal	15652574
CIE Lab	87.75, 9.66, -0.92
CIE LCh	88, 9.705, 354.553
Yxy	71.5442, 0.3249, 0.3206
Android (android.graphics.Color)	4293842654 (0xFFEED6DE)
YUV	222.0880, -0.0434, 13.9548
Hunter-Lab	84.5838, 4.9855, 3.7561

Details

The Yxy color **71.5442, 0.3249, 0.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.1823, 0.3019, 0.3376**, and the grayscale version is **73.1121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5314, 0.3278, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **59.5560, 0.3397, 0.3118**, and if you desaturate by 10%, it is **85.3793, 0.3128, 0.3289**.

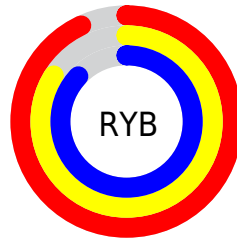
Distribution



Red (93%)

Green (84%)

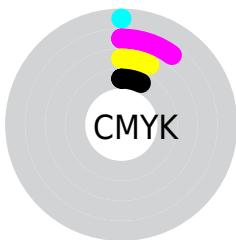
Blue (87%)



Red (93%)

Yellow (84%)

Blue (87%)

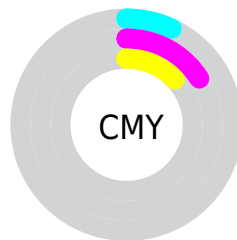


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5442, 0.3249, 0.3206 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 71.5442, 0.3249, 0.3206 by changing the saturation by 10% instead.


 71.5442, 0.3249,
0.3206

 71.5442, 0.3249,
0.3206

465.9536, 0.3193,
0.3245

 52.7864, 0.3262,
0.3197

121.4083, 0.3229,
0.3220

 37.6323, 0.3278,
0.3186


153.2834, 0.3222,
0.3225

 25.6974, 0.3298,
0.3172


190.2997, 0.3215,
0.3229

 16.5974, 0.3325,
0.3154

232.8416, 0.3209,
0.3233

 9.9479, 0.3362,
0.3129

281.2936, 0.3204,
0.3237

 5.3644, 0.3415,
0.3093

336.0400, 0.3200,

 2.4626, 0.3499,

0.3240

0.3036

397.4652, 0.3196,
0.3243

0.8578, 0.3654,
0.2932

0.0000, 0.0000,
0.0000

71.5442, 0.3249,
0.3206

71.5442, 0.3249,
0.3206

59.5560, 0.3397,
0.3118

85.3793, 0.3128,
0.3289

49.3269, 0.3578,
0.3027

96.8432, 0.3031,
0.3302

40.7763, 0.3796,
0.2936

96.9246, 0.3024,
0.3290

33.8134, 0.4057,
0.2854

■ 28.3386, 0.4358,
0.2788

■ 24.2413, 0.4693,
0.2750

■ 21.3949, 0.5043,
0.2754

■ 19.6491, 0.5381,
0.2807

■ 18.7562, 0.5678,
0.2902

Harmonies

Analogous

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



71.5442, 0.3134, 0.3128



71.5442, 0.3249, 0.3206



71.5442, 0.3332, 0.3306

Triad

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



71.5442, 0.3249, 0.3206



71.5442, 0.3234, 0.3496



71.5442, 0.2901, 0.3170

Complementary

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



71.5442, 0.3249, 0.3206



81.1823, 0.3019, 0.3376

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.



71.5442, 0.2926, 0.3269



71.5442, 0.3249, 0.3206



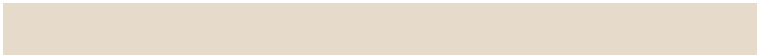
71.5442, 0.3117, 0.3460

Square

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



71.5442, 0.3249, 0.3206



71.5442, 0.3323, 0.3474



71.5442, 0.3005, 0.3376



71.5442, 0.2934, 0.3106

Rectangle

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



71.5442, 0.3249, 0.3206



71.5442, 0.3357, 0.3373



71.5442, 0.3005, 0.3376



71.5442, 0.2903, 0.3200

Sweetspot

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



71.5473, 0.3249, 0.3206



94.8919, 0.3161, 0.3266



71.0241, 0.3079, 0.3037



20.0259, 0.3170, 0.3259



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

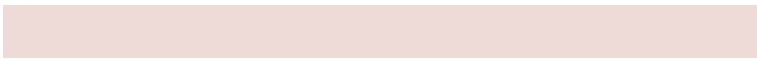
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5473, 0.3249, 0.3206



80.7627, 0.3275, 0.3189



72.9733, 0.3301, 0.3329



15.8459, 0.3241, 0.3211



10.4813, 0.5637, 0.2879



0.8897, 0.5268, 0.2676

Inverse Universe

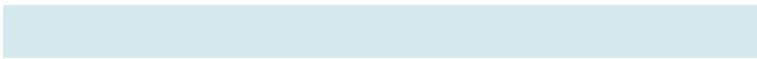
The Inverse Universe completely reimagines the original color for something new.



71.5473, 0.3249, 0.3206



80.7627, 0.3275, 0.3189



79.5636, 0.2971, 0.3251



15.8459, 0.3241, 0.3211



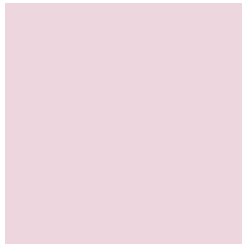
10.4813, 0.5637, 0.2879



0.8897, 0.5268, 0.2676

Previews

White Background



This preview shows how the Yxy color 71.5442, 0.3249, 0.3206 looks on a white background.

Color Contrast Check

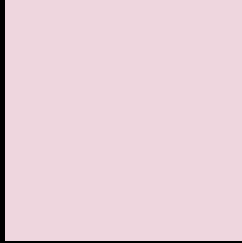
Large Text (above 18pt) WCAG AA × Fail

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 71.5442, 0.3249, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

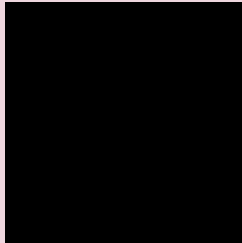
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5442, 0.3249, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 71.5442, 0.3249, 0.3206.

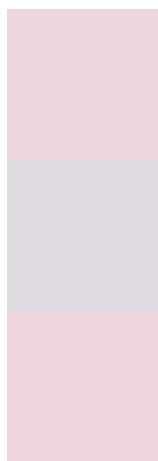


This preview shows how white text looks on a background with the Yxy color 71.5442, 0.3249, 0.3206.

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

71.5442, 0.3249, 0.3206

Protanopia

71.7873, 0.3116, 0.3225

Deuteranopia

71.3877, 0.3265, 0.3196



Tritanopia

71.5964, 0.3208, 0.3124

Trichromacy



Original Color

71.5442, 0.3249, 0.3206

Protanomaly

71.5015, 0.3160, 0.3215

Deuteranomaly

71.2131, 0.3257, 0.3196

Tritanomaly

71.4302, 0.3229, 0.3155

Monochromacy



Original Color

71.5442, 0.3249, 0.3206

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4309, 0.3172, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5442, 0.3249, 0.3206 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(238, 214, 222)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 222)  
}
```

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(238, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 222) }
```

Border

The CSS property to change the border of an element to Yxy 71.5442, 0.3249, 0.3206 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(238, 214, 222) }
```

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

```
.border{ border-color:rgb(238, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(238, 214,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5442, 0.3249, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 222) }
```

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

```
.background{ background-color: rgb(238,  
214, 222) }
```

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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