

Converting Colors

$Y_{xy}(73.2960, 0.3196, 0.3206)$

Have a look what the booklet for
Yxy(73.2960, 0.3196, 0.3206)
contains.

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Color

Yxy(73.2960, 0.3196, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	EBDAE2
RGB	235, 218, 226
RGB Percent	92%, 85%, 89%
CMY	0.0783, 0.1451, 0.1137
CMYK	0.00, 0.07, 0.04, 0.08
HSL	332°, 30%, 89%
HSV	332°, 7%, 92%
XYZ	73.0674, 73.2960, 82.2580
YIQ	223.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

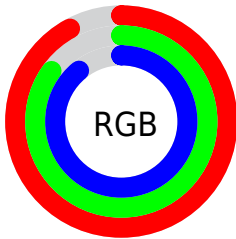
Format	Color
R _Y B	235, 218, 226
Decimal	15456994
CIE Lab	88.59, 7.22, -1.83
CIE LCh	89, 7.449, 345.798
Yxy	73.2960, 0.3196, 0.3206
Android (android.graphics.Color)	4293647074 (0xFFEBDAE2)
YUV	223.9950, 0.9885, 9.6514
Hunter-Lab	85.6131, 2.5198, 2.9627

Details

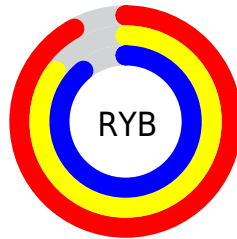
The Yxy color **73.2960, 0.3196, 0.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.8827, 0.3063, 0.3376**, and the grayscale version is **74.5308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7184, 0.3208, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **61.3038, 0.3308, 0.3084**, and if you desaturate by 10%, it is **87.0724, 0.3103, 0.3321**.

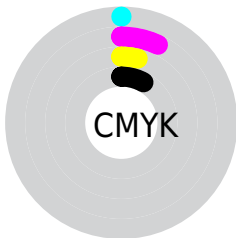
Distribution



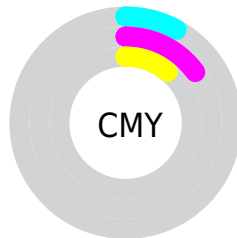
- Red (92%)
- Green (85%)
- Blue (89%)



- Red (92%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (8%)




- Cyan (8%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2960, 0.3196, 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 73.2960, 0.3196, 0.3206 by changing the saturation by 10% instead.

 73.2960, 0.3196,
0.3206

 73.2960, 0.3196,
0.3206


472.0401, 0.3164,
0.3245

 54.2180, 0.3203,
0.3197


123.8973, 0.3185,
0.3219

 38.7760, 0.3212,
0.3186


156.1895, 0.3181,
0.3225

 26.5855, 0.3223,
0.3173

193.6552, 0.3177,
0.3229

 17.2622, 0.3238,
0.3155

236.6787, 0.3174,
0.3233

 10.4216, 0.3258,
0.3131

285.6446, 0.3171,
0.3236

 5.6794, 0.3287,
0.3096

340.9372, 0.3169,

 2.6511, 0.3332,

0.3240

0.3042

402.9409, 0.3166,
0.3242

0.9524, 0.3413,
0.2946

0.0000, 1.0000,
0.0000

73.2960, 0.3196,
0.3206

73.2960, 0.3196,
0.3206

61.3038, 0.3308,
0.3084

87.0724, 0.3103,
0.3321

51.0128, 0.3444,
0.2958

96.1444, 0.3028,
0.3330

42.3477, 0.3605,
0.2831

96.4066, 0.3006,
0.3290

35.2238, 0.3796,
0.2710

■ 29.5484, 0.4016,
0.2604

■ 25.2191, 0.4261,
0.2526

■ 22.1197, 0.4524,
0.2488

■ 20.1140, 0.4792,
0.2501

■ 19.0242, 0.5048,
0.2569

Harmonies

Analogous

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



73.2960, 0.3106, 0.3154



73.2960, 0.3196, 0.3206



73.2960, 0.3268, 0.3280

Triad

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



73.2960, 0.3196, 0.3206



73.2960, 0.3231, 0.3446



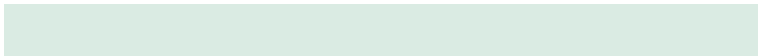
73.2960, 0.2955, 0.3219

Complementary

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



73.2960, 0.3196, 0.3206



79.8827, 0.3063, 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.



73.2960, 0.2988, 0.3298



73.2960, 0.3196, 0.3206



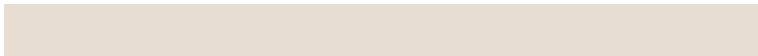
73.2960, 0.3147, 0.3431

Square

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



73.2960, 0.3196, 0.3206



73.2960, 0.3289, 0.3418



73.2960, 0.3058, 0.3377



73.2960, 0.2968, 0.3161

Rectangle

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



73.2960, 0.3196, 0.3206



73.2960, 0.3296, 0.3332



73.2960, 0.3058, 0.3377



73.2960, 0.2961, 0.3244

Sweetspot

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



73.2992, 0.3196, 0.3206



96.6165, 0.3145, 0.3267



72.4380, 0.3077, 0.3110



20.7153, 0.3144, 0.3268



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.



73.2992, 0.3196, 0.3206



85.4638, 0.3215, 0.3185



73.0164, 0.3251, 0.3293



15.1721, 0.3219, 0.3180



10.4898, 0.5079, 0.2572



0.8430, 0.4753, 0.2392

Inverse Universe

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



73.2992, 0.3196, 0.3206



85.4638, 0.3215, 0.3185



80.1735, 0.3015, 0.3287



15.1721, 0.3219, 0.3180



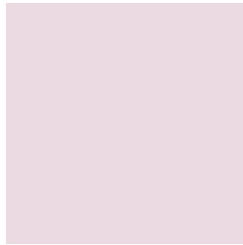
10.4898, 0.5079, 0.2572



0.8430, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 73.2960, 0.3196, 0.3206 looks on a white background.

Color Contrast Check

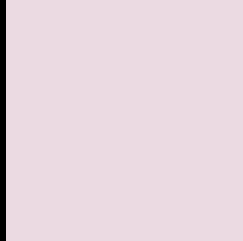
Large Text (above 18pt) WCAG AA × Fail

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 73.2960, 0.3196, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

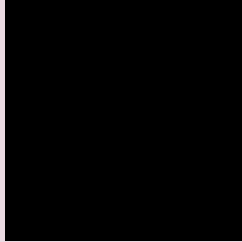
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

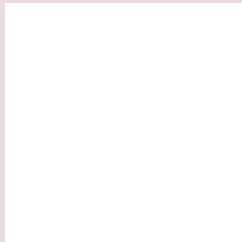
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2960, 0.3196, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 73.2960, 0.3196, 0.3206.

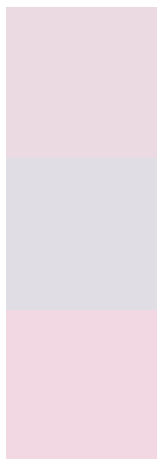


This preview shows how white text looks on a background with the Yxy color 73.2960, 0.3196, 0.3206.

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

73.2960, 0.3196, 0.3206

Protanopia

73.3219, 0.3110, 0.3215

Deuteranopia

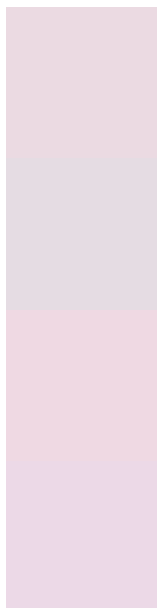
73.5350, 0.3242, 0.3177



Tritanopia

73.3991, 0.3150, 0.3113

Trichromacy



Original Color

73.2960, 0.3196, 0.3206

Protanomaly

73.3905, 0.3145, 0.3216

Deuteranomaly

73.5225, 0.3219, 0.3186

Tritanomaly

73.2281, 0.3170, 0.3144

Monochromacy



Original Color

73.2960, 0.3196, 0.3206

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.1728, 0.3150, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2960, 0.3196, 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(235, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 226)  
}
```

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(235, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.2960, 0.3196, 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(235, 218, 226) }
```

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

```
.border{ border-color:rgb(235, 218, 226) }
```

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

Here you see how a box with a 4 pixel rgb(235, 218, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2960, 0.3196, 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(235, 218, 226) }
```

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

```
.background{ background-color: rgb(235,  
218, 226) }
```

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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