

Converting Colors

$Y_{xy}(70.9015, 0.3191, 0.3273)$

Have a look what the booklet for
Yxy(70.9015, 0.3191, 0.3273)
contains.

Yxy(71.0186, 0.3193, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.0186, 0.3193, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E3D9DA
RGB	227, 217, 218
RGB Percent	89%, 85%, 85%
CMY	0.1097, 0.1490, 0.1450
CMYK	0.00, 0.04, 0.04, 0.11
HSL	354°, 15%, 87%
HSV	354°, 4%, 89%
XYZ	69.1560, 71.0186, 76.4116
YIQ	220.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

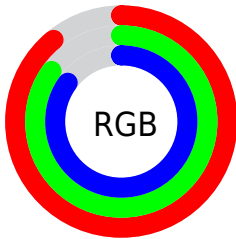
Format	Color
R _Y B	227, 217, 218
Decimal	14932442
CIE Lab	87.49, 3.62, 0.71
CIE LCh	87, 3.685, 11.063
Yxy	71.0186, 0.3193, 0.3279
Android (android.graphics.Color)	4293122522 (0xFFE3D9DA)
YUV	220.1040, -1.0373, 6.0478
Hunter-Lab	84.2725, -0.9958, 5.2313

Details

The Yxy color **71.0186, 0.3193, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1961, 0.3065, 0.3301**, and the grayscale version is **71.6563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2557, 0.3214, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **59.1108, 0.3368, 0.3253**, and if you desaturate by 10%, it is **84.6735, 0.3053, 0.3303**.

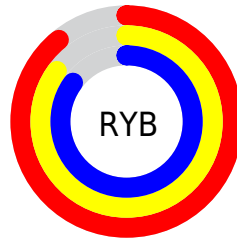
Distribution



Red (89%)

Green (85%)

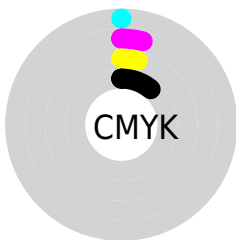
Blue (85%)



Red (89%)

Yellow (85%)

Blue (85%)

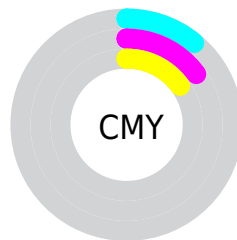


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (11%)



Cyan (11%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0186, 0.3193, 0.3279 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 71.0186, 0.3193, 0.3279 by changing the saturation by 10% instead.

 71.0186, 0.3193,
0.3279

 71.0186, 0.3193,
0.3279


464.1185, 0.3162,
0.3284

 52.3574, 0.3200,
0.3278


120.6602, 0.3182,
0.3281

 37.2900, 0.3209,
0.3276


152.4094, 0.3178,
0.3282

 25.4321, 0.3220,
0.3274


189.2900, 0.3175,
0.3282

 16.3993, 0.3235,
0.3272

231.6864, 0.3172,
0.3283

 9.8071, 0.3255,
0.3268

279.9831, 0.3169,
0.3283

 5.2713, 0.3284,
0.3263

334.5644, 0.3166,

 2.4073, 0.3331,

0.3284

0.3254

395.8147, 0.3164,
0.3284

0.8296, 0.3426,
0.3240

0.0000, 0.0000,
0.0000

71.0186, 0.3193,
0.3279

71.0186, 0.3193,
0.3279

59.1108, 0.3368,
0.3253

84.6735, 0.3053,
0.3303

48.8707, 0.3585,
0.3225

95.0758, 0.2958,
0.3290

40.2267, 0.3855,
0.3197

33.0983, 0.4184,
0.3172

■ 27.3980, 0.4573,
0.3152

■ 23.0294, 0.5010,
0.3142

■ 19.8841, 0.5462,
0.3149

■ 17.8369, 0.5874,
0.3176

■ 16.7352, 0.6182,
0.3220

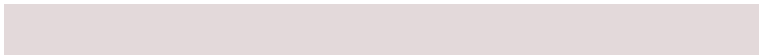
Harmonies

Analogous

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



71.0186, 0.3155, 0.3243



71.0186, 0.3193, 0.3279



71.0186, 0.3213, 0.3318

Triad

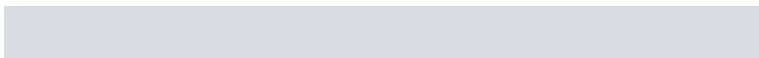
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0186, 0.3193, 0.3279



71.0186, 0.3144, 0.3363



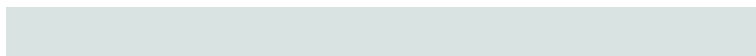
71.0186, 0.3045, 0.3229

Complementary

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



71.0186, 0.3193, 0.3279



75.1961, 0.3065, 0.3301

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.



71.0186, 0.3042, 0.3261



71.0186, 0.3193, 0.3279



71.0186, 0.3099, 0.3338

Square

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



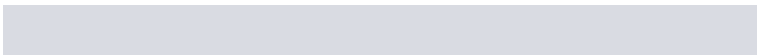
71.0186, 0.3193, 0.3279



71.0186, 0.3185, 0.3367



71.0186, 0.3062, 0.3301



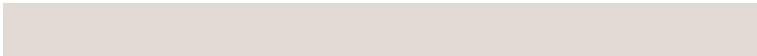
71.0186, 0.3069, 0.3214

Rectangle

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



71.0186, 0.3193, 0.3279



71.0186, 0.3214, 0.3341



71.0186, 0.3062, 0.3301



71.0186, 0.3041, 0.3238

Sweetspot

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



71.0217, 0.3193, 0.3279



98.2374, 0.3142, 0.3288



71.3161, 0.3124, 0.3183



21.0454, 0.3141, 0.3288



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.



71.0217, 0.3193, 0.3279



91.4185, 0.3203, 0.3277



72.9742, 0.3197, 0.3332



15.4196, 0.3213, 0.3276



9.5693, 0.6277, 0.3231



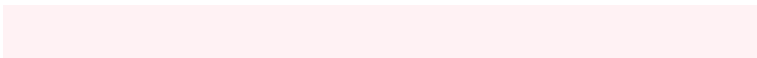
0.7153, 0.5996, 0.3077

Inverse Universe

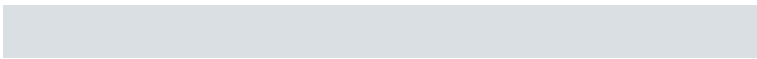
The Inverse Universe completely reimagines the original color for something new.



71.0217, 0.3193, 0.3279



91.4185, 0.3203, 0.3277



73.1715, 0.3059, 0.3248



15.4196, 0.3213, 0.3276



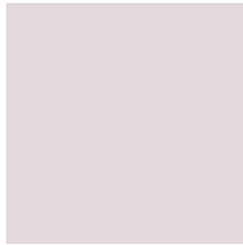
9.5693, 0.6277, 0.3231



0.7153, 0.5996, 0.3077

Previews

White Background



This preview shows how the Yxy color 71.0186, 0.3193, 0.3279 looks on a white background.

Color Contrast Check

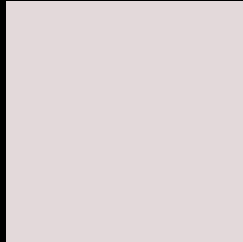
Large Text (above 18pt) WCAG AA × Fail

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 71.0186, 0.3193, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

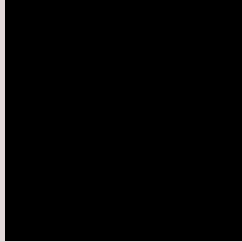
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

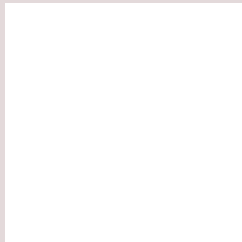
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0186, 0.3193, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 71.0186, 0.3193, 0.3279.

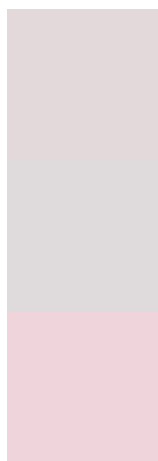


This preview shows how white text looks on a background with the Yxy color 71.0186, 0.3193, 0.3279.

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

71.0186, 0.3193, 0.3279

Protanopia

70.9453, 0.3156, 0.3279

Deuteranopia

70.7267, 0.3287, 0.3217



Tritanopia

71.0851, 0.3114, 0.3110

Trichromacy



Original Color

71.0186, 0.3193, 0.3279

Protanomaly

71.1046, 0.3164, 0.3279

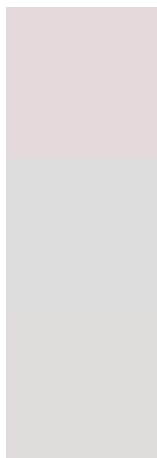
Deuteranomaly

70.8698, 0.3248, 0.3237

Tritanomaly

71.1518, 0.3140, 0.3173

Monochromacy



Original Color

71.0186, 0.3193, 0.3279

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4655, 0.3156, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0186, 0.3193, 0.3279 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(227, 217, 218)` looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 218)  
}
```

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(227, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.0186, 0.3193, 0.3279 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(227, 217, 218) }
```

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

```
.border{ border-color:rgb(227, 217, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(227, 217,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0186, 0.3193, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 217, 218) }
```

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

```
.background{ background-color: rgb(227,  
217, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor