

Converting Colors

$Y_{xy}(71.5713, 0.3131, 0.3200)$

Have a look what the booklet for
Yxy(71.5713, 0.3131, 0.3200)
contains.

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Color

Yxy(71.8025, 0.3131, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	E2DAE2
RGB	226, 218, 226
RGB Percent	89%, 85%, 89%
CMY	0.1137, 0.1451, 0.1136
CMYK	0.00, 0.04, 0.00, 0.11
HSL	300°, 12%, 87%
HSV	300°, 4%, 89%
XYZ	70.1666, 71.8025, 82.1336
YIQ	221.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

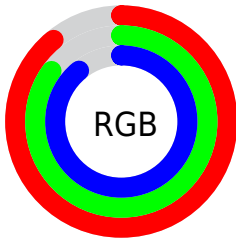
Format	Color
R _Y B	226, 218, 226
Decimal	14867170
CIE Lab	87.87, 4.16, -2.97
CIE LCh	88, 5.111, 324.491
Yxy	71.8025, 0.3131, 0.3204
Android (android.graphics.Color)	4293057250 (0xFFE2DAE2)
YUV	221.3040, 2.3151, 4.1184
Hunter-Lab	84.7364, -0.4804, 1.8466

Details

The Yxy color **71.8025, 0.3131, 0.3204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3813, 0.3123, 0.3378**, and the grayscale version is **72.5164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7926, 0.3132, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **60.8586, 0.3142, 0.2956**, and if you desaturate by 10%, it is **84.3512, 0.3120, 0.3442**.

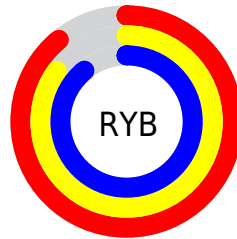
Distribution



Red (89%)

Green (85%)

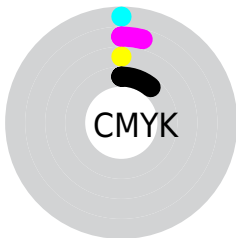
Blue (89%)



Red (89%)

Yellow (85%)

Blue (89%)

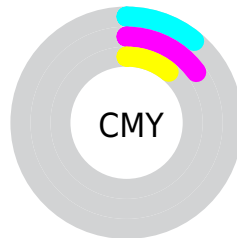


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (15%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8025, 0.3131, 0.3204 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 71.8025, 0.3131, 0.3204 by changing the saturation by 10% instead.

 71.8025, 0.3131,
0.3204

 71.8025, 0.3131,
0.3204


466.8539, 0.3129,
0.3244

 52.9974, 0.3131,
0.3195


121.7757, 0.3130,
0.3218

 37.8007, 0.3132,
0.3184


153.7125, 0.3130,
0.3223

 25.8280, 0.3132,
0.3170


190.7954, 0.3130,
0.3228

 16.6950, 0.3133,
0.3151

233.4087, 0.3130,
0.3232

 10.0173, 0.3134,
0.3126

281.9368, 0.3130,
0.3235

 5.4104, 0.3135,
0.3090

336.7641, 0.3130,

 2.4900, 0.3136,

0.3238

0.3033

398.2750, 0.3129,
0.3241

0.8716, 0.3137,
0.2930

0.0000, 0.0000,
0.0000

71.8025, 0.3131,
0.3204

71.8025, 0.3131,
0.3204

60.8586, 0.3142,
0.2956

84.3512, 0.3120,
0.3442

51.4459, 0.3153,
0.2706

93.2068, 0.3114,
0.3587

43.4989, 0.3164,
0.2459

93.2192, 0.3114,
0.3587

36.9438, 0.3174,
0.2226

93.2316, 0.3115,
0.3587

31.7004, 0.3183,
0.2017

93.2441, 0.3115,
0.3587

27.6802, 0.3190,
0.1840

93.2565, 0.3116,
0.3587

24.7840, 0.3195,
0.1702

93.2690, 0.3116,
0.3587

22.8971, 0.3199,
0.1607

93.2814, 0.3117,
0.3587

21.8803, 0.3200,
0.1555

93.2938, 0.3117,
0.3587

Harmonies

Analogous

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



71.8025, 0.3070, 0.3185



71.8025, 0.3131, 0.3204



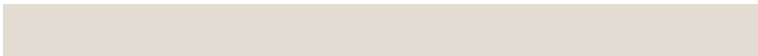
71.8025, 0.3191, 0.3246

Triad

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



71.8025, 0.3131, 0.3204



71.8025, 0.3230, 0.3387



71.8025, 0.3021, 0.3280

Complementary

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



71.8025, 0.3131, 0.3204



74.3813, 0.3123, 0.3378

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.



71.8025, 0.3063, 0.3335



71.8025, 0.3131, 0.3204



71.8025, 0.3184, 0.3398

Square

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



71.8025, 0.3131, 0.3204



71.8025, 0.3249, 0.3351



71.8025, 0.3123, 0.3379



71.8025, 0.3007, 0.3228

Rectangle

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



71.8025, 0.3131, 0.3204



71.8025, 0.3223, 0.3281



71.8025, 0.3123, 0.3379



71.8025, 0.3032, 0.3299

Sweetspot

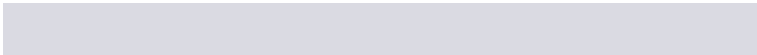
The Sweet Spot groups the original color and five complimentary colors.



71.8056, 0.3131, 0.3204



98.3821, 0.3128, 0.3266



70.6114, 0.3074, 0.3204



21.0749, 0.3128, 0.3267



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.



71.8056, 0.3131, 0.3204



93.6573, 0.3132, 0.3192



71.5993, 0.3157, 0.3245



15.0610, 0.3132, 0.3176



12.2874, 0.3201, 0.1537



0.8525, 0.3202, 0.1538

Inverse Universe

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



71.3808, 0.3185, 0.3290



93.0263, 0.3193, 0.3290



74.5827, 0.3098, 0.3335



14.9413, 0.3205, 0.3290



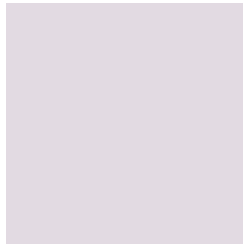
9.2256, 0.6397, 0.3298



0.6397, 0.6386, 0.3291

Previews

White Background



This preview shows how the Yxy color 71.8025, 0.3131, 0.3204 looks on a white background.

Color Contrast Check

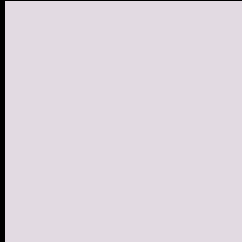
Large Text (above 18pt) WCAG AA × Fail

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 71.8025, 0.3131, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

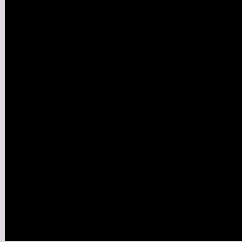
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

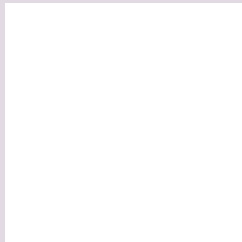
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8025, 0.3131, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 71.8025, 0.3131, 0.3204.

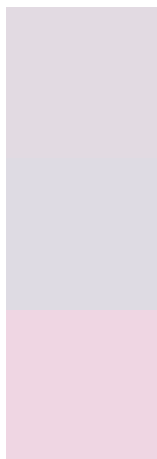


This preview shows how white text looks on a background with the Yxy color 71.8025, 0.3131, 0.3204.

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

71.8025, 0.3131, 0.3204

Protanopia

71.7387, 0.3096, 0.3204

Deuteranopia

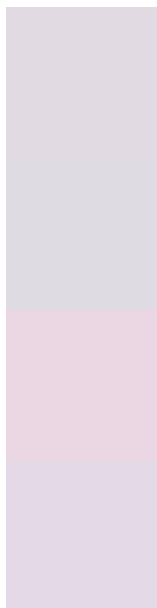
71.9899, 0.3221, 0.3155



Tritanopia

71.8971, 0.3086, 0.3110

Trichromacy



Original Color

71.8025, 0.3131, 0.3204

Protanomaly

71.8971, 0.3103, 0.3204

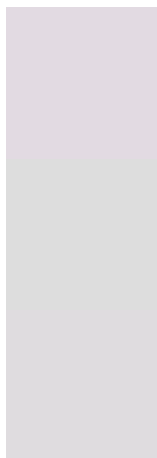
Deuteranomaly

71.6394, 0.3184, 0.3164

Tritanomaly

71.7261, 0.3106, 0.3141

Monochromacy



Original Color

71.8025, 0.3131, 0.3204

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2021, 0.3129, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8025, 0.3131, 0.3204 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(226, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 218, 226) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 71.8025, 0.3131, 0.3204 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(226, 218, 226) }
```

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

```
.border{ border-color:rgb(226, 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(226, 218, 226)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 71.8025, 0.3131, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 226) }
```

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

```
.background{ background-color: rgb(226,  
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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