

Converting Colors

$Yxy(71.1895, 0.3175, 0.3412)$

Have a look what the booklet for
Yxy(71.1895, 0.3175, 0.3412)
contains.

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Color

Yxy(71.1178, 0.3171, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	D9DDD2
RGB	217, 221, 210
RGB Percent	85%, 87%, 82%
CMY	0.1492, 0.1333, 0.1764
CMYK	0.02, 0.00, 0.05, 0.13
HSL	82°, 14%, 85%
HSV	82°, 5%, 87%
XYZ	66.0945, 71.1178, 71.2220
YIQ	218.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

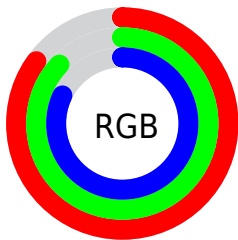
Format	Color
RYB	210, 221, 214
Decimal	14278098
CIELab	87.54, -3.33, 4.91
CIElCh	88, 5.930, 124.137
Yxy	71.1178, 0.3171, 0.3412
Android (android.graphics.Color)	4292468178 (0xFFD9DDD2)
YUV	218.5500, -4.2152, -1.3594
Hunter-Lab	84.3314, -7.6809, 8.9586

Details

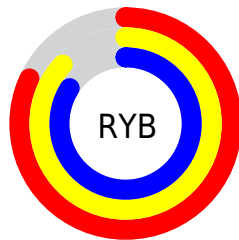
The Yxy color **71.1178, 0.3171, 0.3412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6276, 0.3082, 0.3167**, and the grayscale version is **70.5372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3541, 0.3176, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **68.8739, 0.3260, 0.3671**, and if you desaturate by 10%, it is **73.5819, 0.3084, 0.3172**.

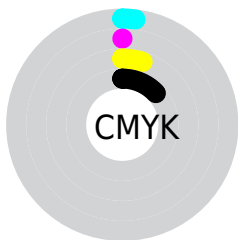
Distribution



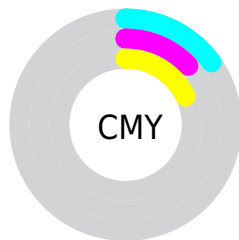
- Red (85%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1178, 0.3171, 0.3412 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 71.1178, 0.3171, 0.3412 by changing the saturation by 10% instead.

■ 71.1178, 0.3171,
0.3412

■ 71.1178, 0.3171,
0.3412

464.4651, 0.3151,
0.3355

■ 52.4383, 0.3176,
0.3425

120.8014, 0.3164,
0.3392

■ 37.3546, 0.3181,
0.3442

152.5744, 0.3161,
0.3384

■ 25.4821, 0.3188,
0.3463

189.4807, 0.3159,
0.3378

■ 16.4366, 0.3198,
0.3490

231.9046, 0.3157,
0.3372

■ 9.8337, 0.3211,
0.3528

280.2306, 0.3155,
0.3367

■ 5.2888, 0.3229,
0.3585

334.8431, 0.3154,

■ 2.4177, 0.3258,

0.3363

396.1265, 0.3152,
0.3359

0.3675

0.8350, 0.3371,
0.3951

0.0000, 0.0000,
0.0000

71.1178, 0.3171,
0.3412

71.1178, 0.3171,
0.3412

68.8739, 0.3260,
0.3671

73.5819, 0.3084,
0.3172

66.8339, 0.3347,
0.3944

76.2637, 0.2999,
0.2952

64.9934, 0.3429,
0.4227

77.7228, 0.3050,
0.2950

63.3442, 0.3502,
0.4510

79.1958, 0.3106,
0.2956

■ 61.8778, 0.3560,
0.4782

■ 80.2029, 0.3143,
0.2960

■ 60.5845, 0.3600,
0.5030

■ 59.4537, 0.3616,
0.5241

■ 58.4731, 0.3607,
0.5405

■ 57.6280, 0.3575,
0.5518

Harmonies

Analogous

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



71.1178, 0.3233, 0.3411



71.1178, 0.3171, 0.3412



71.1178, 0.3098, 0.3380

Triad

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



71.1178, 0.3171, 0.3412



71.1178, 0.2990, 0.3202



71.1178, 0.3221, 0.3258

Complementary

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



71.1178, 0.3171, 0.3412



65.6276, 0.3082, 0.3167

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.



71.1178, 0.3155, 0.3203



71.1178, 0.3171, 0.3412



71.1178, 0.3022, 0.3171

Square

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



71.1178, 0.3171, 0.3412



71.1178, 0.2995, 0.3257



71.1178, 0.3082, 0.3172



71.1178, 0.3262, 0.3321

Rectangle

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



71.1178, 0.3171, 0.3412



71.1178, 0.3053, 0.3343



71.1178, 0.3082, 0.3172



71.1178, 0.3201, 0.3238

Sweetspot

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



71.1209, 0.3171, 0.3412



99.6586, 0.3136, 0.3314



68.1456, 0.3206, 0.3335



21.3346, 0.3136, 0.3313



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.



71.1209, 0.3171, 0.3412



97.9971, 0.3180, 0.3439



70.2962, 0.3132, 0.3413



15.1496, 0.3185, 0.3453



33.3133, 0.3562, 0.5554



2.2065, 0.3665, 0.5472

Inverse Universe

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



65.6276, 0.3082, 0.3167



88.8397, 0.3072, 0.3140



66.4655, 0.3122, 0.3169



13.6077, 0.3066, 0.3126



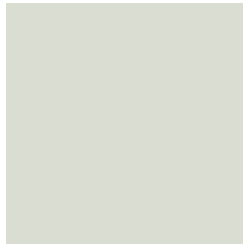
4.1248, 0.1801, 0.0766



0.3153, 0.1986, 0.0867

Previews

White Background



This preview shows how the Yxy color 71.1178, 0.3171, 0.3412 looks on a white background.

Color Contrast Check

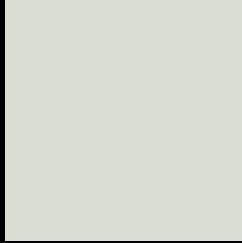
Large Text (above 18pt) WCAG AA × Fail

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 71.1178, 0.3171, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

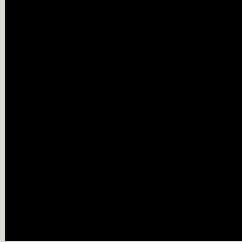
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

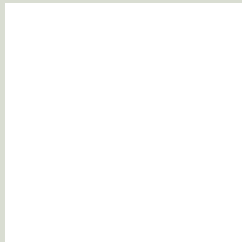
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1178, 0.3171, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 71.1178, 0.3171, 0.3412.

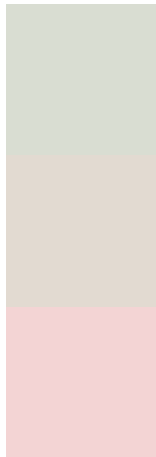


This preview shows how white text looks on a background with the Yxy color 71.1178, 0.3171, 0.3412.

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

71.1178, 0.3171, 0.3412

Protanopia

70.9150, 0.3246, 0.3388

Deuteranopia

70.8951, 0.3360, 0.3291



Tritanopia

70.9960, 0.3037, 0.3097

Trichromacy



Original Color

71.1178, 0.3171, 0.3412

Protanomaly

70.9545, 0.3223, 0.3400

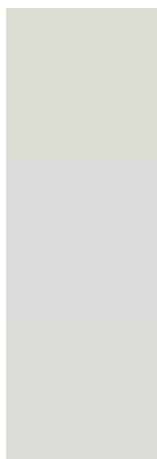
Deuteranomaly

70.7965, 0.3295, 0.3333

Tritanomaly

70.8494, 0.3088, 0.3203

Monochromacy



Original Color

71.1178, 0.3171, 0.3412

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0497, 0.3139, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1178, 0.3171, 0.3412 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(217, 221, 210)` looks like.

```
.text, #text, p{  
    color:rgb(217, 221, 210)  
}
```

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(217, 221, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 221, 210) }
```

Border

The CSS property to change the border of an element to Yxy 71.1178, 0.3171, 0.3412 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(217, 221, 210) }
```

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

```
.border{ border-color:rgb(217, 221, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 221, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 221, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 221, 210);  
box-shadow:4px 4px 4px 4px rgb(217, 221,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1178, 0.3171, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 221, 210) }
```

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

```
.background{ background-color: rgb(217,  
221, 210) }
```

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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