

Converting Colors

$Yxy(70.1309, 0.3133, 0.3215)$

Have a look what the booklet for
Yxy(70.1309, 0.3133, 0.3215)
contains.

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Color

Yxy(70.1274, 0.3131, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	DFD8DF
RGB	223, 216, 223
RGB Percent	87%, 85%, 87%
CMY	0.1253, 0.1530, 0.1255
CMYK	0.00, 0.03, 0.00, 0.13
HSL	300°, 10%, 86%
HSV	300°, 3%, 87%
XYZ	68.3164, 70.1274, 79.7497
YIQ	218.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

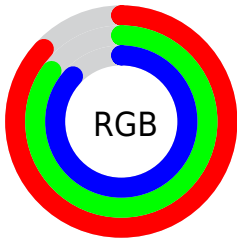
Format	Color
R _Y B	223, 216, 223
Decimal	14670047
CIE Lab	87.06, 3.66, -2.59
CIE LCh	87, 4.488, 324.696
Yxy	70.1274, 0.3131, 0.3214
Android (android.graphics.Color)	4292860127 (0xFFDFD8DF)
YUV	218.8910, 2.0257, 3.6036
Hunter-Lab	83.7421, -0.9293, 2.1561

Details

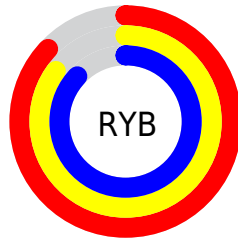
The Yxy color $70.1274, 0.3131, 0.3214$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.3554, 0.3123, 0.3367$, and the grayscale version is $70.7491, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.6417, 0.3132, 0.3191$ is the 20% darker color. If you saturate the color by 10%, you get $59.4610, 0.3143, 0.2968$, and if you desaturate by 10%, it is $82.3510, 0.3119, 0.3450$.

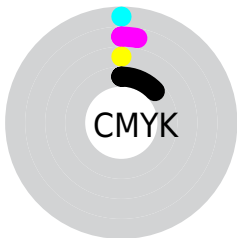
Distribution



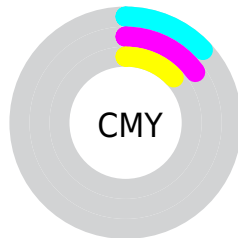
- Red (87%)
- Green (85%)
- Blue (87%)



- Red (87%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1274, 0.3131, 0.3214 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 70.1274, 0.3131, 0.3214 by changing the saturation by 10% instead.

■ 70.1274, 0.3131,
0.3214

■ 70.1274, 0.3131,
0.3214

460.9972, 0.3129,
0.3249

■ 51.6304, 0.3131,
0.3206

119.3904, 0.3130,
0.3226

■ 36.7106, 0.3132,
0.3196

150.9252, 0.3130,
0.3231

■ 24.9835, 0.3132,
0.3183

187.5748, 0.3130,
0.3235

■ 16.0647, 0.3133,
0.3167

229.7234, 0.3130,
0.3239

■ 9.5700, 0.3134,
0.3144

277.7556, 0.3130,
0.3242

■ 5.1148, 0.3135,
0.3111

332.0557, 0.3130,

■ 2.3148, 0.3137,

0.3245

0.3058

393.0081, 0.3129,
0.3247

0.7815, 0.3143,
0.2952

0.0000, 0.0000,
0.0000

70.1274, 0.3131,
0.3214

70.1274, 0.3131,
0.3214

59.4610, 0.3143,
0.2968

82.3510, 0.3119,
0.3450

50.2807, 0.3156,
0.2719

92.5557, 0.3110,
0.3619

42.5233, 0.3169,
0.2474

92.5622, 0.3110,
0.3617

36.1176, 0.3181,
0.2242

92.5687, 0.3109,
0.3616

30.9861, 0.3193,
0.2032

92.5752, 0.3108,
0.3615

27.0437, 0.3203,
0.1855

92.5817, 0.3108,
0.3614

24.1948, 0.3211,
0.1716

92.5882, 0.3107,
0.3612

22.3292, 0.3217,
0.1621

92.5947, 0.3106,
0.3611

21.3135, 0.3221,
0.1568

92.6012, 0.3106,
0.3610

Harmonies

Analogous

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



70.1274, 0.3077, 0.3197



70.1274, 0.3131, 0.3214



70.1274, 0.3184, 0.3251

Triad

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



70.1274, 0.3131, 0.3214



70.1274, 0.3218, 0.3376



70.1274, 0.3033, 0.3281

Complementary

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



70.1274, 0.3131, 0.3214



72.3554, 0.3123, 0.3367

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.



70.1274, 0.3070, 0.3330



70.1274, 0.3131, 0.3214



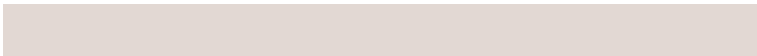
70.1274, 0.3177, 0.3385

Square

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



70.1274, 0.3131, 0.3214



70.1274, 0.3235, 0.3344



70.1274, 0.3123, 0.3368



70.1274, 0.3021, 0.3235

Rectangle

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



70.1274, 0.3131, 0.3214



70.1274, 0.3212, 0.3282



70.1274, 0.3123, 0.3368



70.1274, 0.3043, 0.3297

Sweetspot

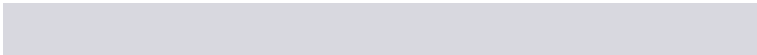
The Sweet Spot groups the original color and five complimentary colors.



70.1304, 0.3131, 0.3214



98.3829, 0.3128, 0.3266



69.0354, 0.3080, 0.3212



21.0750, 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.



70.1304, 0.3131, 0.3214



93.6603, 0.3132, 0.3193



69.9442, 0.3155, 0.3252



15.0616, 0.3133, 0.3176



12.3196, 0.3223, 0.1549



0.8543, 0.3220, 0.1548

Inverse Universe

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



70.1304, 0.3131, 0.3214



93.6603, 0.3132, 0.3193



72.5377, 0.3101, 0.3329



15.0616, 0.3133, 0.3176



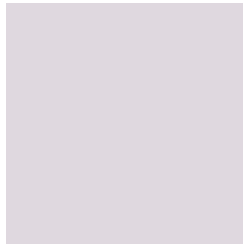
12.3196, 0.3223, 0.1549



0.8543, 0.3220, 0.1548

Previews

White Background



This preview shows how the Yxy color 70.1274, 0.3131, 0.3214 looks on a white background.

Color Contrast Check

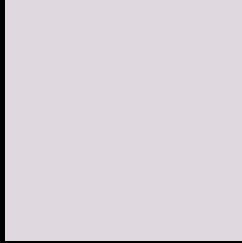
Large Text (above 18pt) WCAG AA × Fail

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 70.1274, 0.3131, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

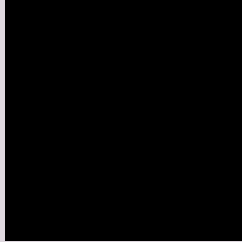
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

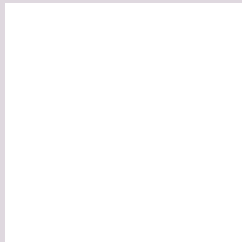
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1274, 0.3131, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 70.1274, 0.3131, 0.3214.

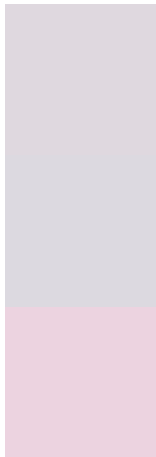


This preview shows how white text looks on a background with the Yxy color 70.1274, 0.3131, 0.3214.

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

70.1274, 0.3131, 0.3214

Protanopia

70.2232, 0.3102, 0.3214

Deuteranopia

69.8032, 0.3223, 0.3153



Tritanopia

70.2744, 0.3078, 0.3108

Trichromacy



Original Color

70.1274, 0.3131, 0.3214

Protanomaly

70.3797, 0.3109, 0.3214

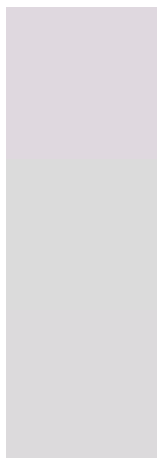
Deuteranomaly

69.9592, 0.3184, 0.3173

Tritanomaly

70.1053, 0.3098, 0.3139

Monochromacy



Original Color

70.1274, 0.3131, 0.3214

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5258, 0.3128, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1274, 0.3131, 0.3214 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(223, 216, 223)` looks like.

```
.text, #text, p{  
    color:rgb(223, 216, 223)  
}
```

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(223, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 216, 223) }
```

Border

The CSS property to change the border of an element to Yxy 70.1274, 0.3131, 0.3214 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(223, 216, 223) }
```

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

```
.border{ border-color:rgb(223, 216, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 216, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 216, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 216, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 216,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1274, 0.3131, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 216, 223) }
```

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

```
.background{ background-color: rgb(223,  
216, 223) }
```

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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