

Converting Colors

Yxy(63.6404, 0.3149, 0.3103)

Have a look what the booklet for
Yxy(63.6404, 0.3149, 0.3103)
contains.

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Color

Yxy(63.4088, 0.3151, 0.3103)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DECBDC |
| RGB | 222, 203, 220 |
| RGB Percent | 87%, 80%, 86% |
| CMY | 0.1295, 0.2039, 0.1373 |
| CMYK | 0.00, 0.09, 0.01, 0.13 |
| HSL | 306°, 22%, 83% |
| HSV | 306°, 9%, 87% |
| XYZ | 64.3897, 63.4088, 76.5483 |
| YIQ | 210.6190, 5.8670, 9.3150 |

Conversions

Conversions Part 2

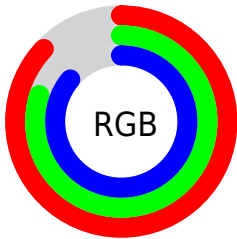
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 222, 203, 220 |
| Decimal | 14601180 |
| CIE Lab | 83.66, 9.58, -6.01 |
| CIE LCh | 84, 11.309, 327.870 |
| Yxy | 63.4088, 0.3151, 0.3103 |
| Android (android.graphics.Color) | 4292791260 (0xFFDECBDC) |
| YUV | 210.6190, 4.6248, 9.9811 |
| Hunter-Lab | 79.6296, 4.9858, -1.2550 |

Details

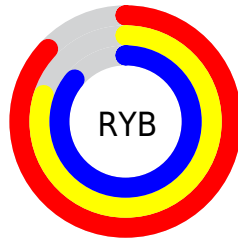
The Yxy color **63.4088, 0.3151, 0.3103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3320, 0.3104, 0.3484**, and the grayscale version is **64.8420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4270, 0.3158, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **53.5444, 0.3182, 0.2877**, and if you desaturate by 10%, it is **74.7813, 0.3123, 0.3321**.

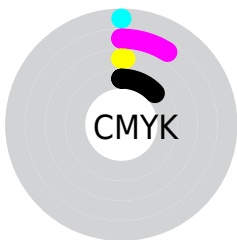
Distribution



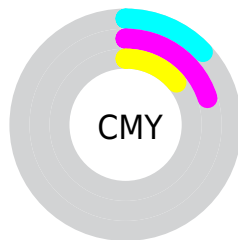
- Red (87%)
- Green (80%)
- Blue (86%)



- Red (87%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4088, 0.3151, 0.3103 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 63.4088, 0.3151, 0.3103 by changing the saturation by 10% instead.


 63.4088, 0.3151,
0.3103

 63.4088, 0.3151,
0.3103


437.0516, 0.3140,
0.3191

 46.1720, 0.3153,
0.3083


109.7591, 0.3147,
0.3134

 32.3816, 0.3156,
0.3058


139.6413, 0.3146,
0.3145

 21.6531, 0.3160,
0.3026


174.5075, 0.3145,
0.3156

 13.6022, 0.3164,
0.2983


214.7421, 0.3144,
0.3164

 7.8445, 0.3170,
0.2925

260.7294, 0.3143,
0.3172

 3.9956, 0.3179,
0.2840

312.8538, 0.3142,

 1.6711, 0.3190,

0.3179

0.2702

371.4997, 0.3141,
0.3185

0.4049, 0.3282,
0.2148

0.0000, 0.0000,
0.0000

63.4088, 0.3151,
0.3103

63.4088, 0.3151,
0.3103

53.5444, 0.3182,
0.2877

74.7813, 0.3123,
0.3321

45.1165, 0.3217,
0.2650

87.7135, 0.3099,
0.3528

38.0598, 0.3254,
0.2429

92.5871, 0.3083,
0.3580

32.3008, 0.3294,
0.2222

92.7158, 0.3070,
0.3556

■ 27.7591, 0.3336,
0.2040

■ 92.8462, 0.3057,
0.3531

■ 24.3454, 0.3377,
0.1892

■ 92.9784, 0.3044,
0.3507

■ 21.9583, 0.3417,
0.1785

■ 93.1123, 0.3031,
0.3483

■ 20.4779, 0.3455,
0.1723

■ 93.2479, 0.3018,
0.3458

■ 19.7255, 0.3489,
0.1700

■ 93.3853, 0.3006,
0.3434

Harmonies

Analogous

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



63.4088, 0.3010, 0.3052



63.4088, 0.3151, 0.3103



63.4088, 0.3289, 0.3201

Triad

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



63.4088, 0.3151, 0.3103



63.4088, 0.3355, 0.3520



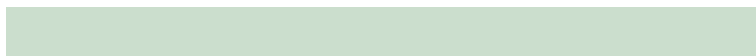
63.4088, 0.2877, 0.3249

Complementary

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



63.4088, 0.3151, 0.3103



69.3320, 0.3104, 0.3484

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.



63.4088, 0.2966, 0.3380



63.4088, 0.3151, 0.3103



63.4088, 0.3241, 0.3539

Square

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



63.4088, 0.3151, 0.3103



63.4088, 0.3408, 0.3439



63.4088, 0.3099, 0.3488



63.4088, 0.2854, 0.3133

Rectangle

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



63.4088, 0.3151, 0.3103



63.4088, 0.3359, 0.3281



63.4088, 0.3099, 0.3488



63.4088, 0.2900, 0.3293

Sweetspot

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



63.4115, 0.3151, 0.3103



95.1645, 0.3135, 0.3225



60.9591, 0.3009, 0.3073



20.0995, 0.3138, 0.3207



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.



63.4115, 0.3151, 0.3103



84.6256, 0.3156, 0.3069



62.9277, 0.3219, 0.3206



13.9097, 0.3154, 0.3083



11.6790, 0.3490, 0.1696



0.8167, 0.3441, 0.1669

Inverse Universe

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



63.4115, 0.3151, 0.3103



84.6256, 0.3156, 0.3069



69.7993, 0.3044, 0.3376



13.9097, 0.3154, 0.3083



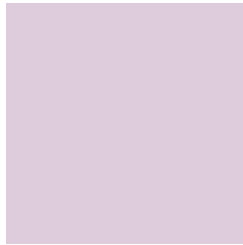
11.6790, 0.3490, 0.1696



0.8167, 0.3441, 0.1669

Previews

White Background



This preview shows how the Yxy color 63.4088, 0.3151, 0.3103 looks on a white background.

Color Contrast Check

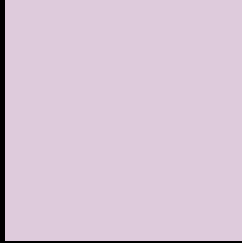
Large Text (above 18pt) WCAG AA × Fail

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 63.4088, 0.3151, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

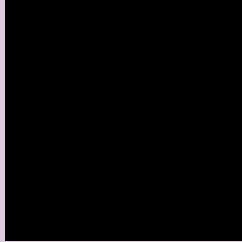
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

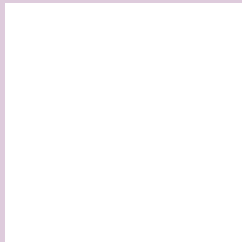
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4088, 0.3151, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 63.4088, 0.3151, 0.3103.



This preview shows how white text looks on a background with the Yxy color 63.4088, 0.3151, 0.3103.

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

63.4088, 0.3151, 0.3103

Protanopia

63.3633, 0.3025, 0.3109

Deuteranopia

63.2557, 0.3167, 0.3093



Tritanopia

63.3559, 0.3158, 0.3114

Trichromacy



Original Color

63.4088, 0.3151, 0.3103

Protanomaly

63.5627, 0.3068, 0.3111

Deuteranomaly

63.0963, 0.3159, 0.3092

Tritanomaly

63.3559, 0.3158, 0.3114

Monochromacy



Original Color

63.4088, 0.3151, 0.3103

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4139, 0.3138, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4088, 0.3151, 0.3103 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(222, 203, 220)` looks like.

```
.text, #text, p{  
    color:rgb(222, 203, 220)  
}
```

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(222, 203, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 203, 220) }
```

Border

The CSS property to change the border of an element to Yxy 63.4088, 0.3151, 0.3103 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(222, 203, 220) }
```

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

```
.border{ border-color:rgb(222, 203, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 203, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 203, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 203, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 203,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4088, 0.3151, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 203, 220) }
```

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

```
.background{ background-color: rgb(222,  
203, 220) }
```

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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