

Converting Colors

Yxy(56.3643, 0.3204, 0.3031)

Have a look what the booklet for
Yxy(56.3643, 0.3204, 0.3031)
contains.

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Color

Yxy(56.3643, 0.3204, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	DCBDD4
RGB	220, 189, 212
RGB Percent	86%, 74%, 83%
CMY	0.1375, 0.2587, 0.1687
CMYK	0.00, 0.14, 0.04, 0.14
HSL	315°, 31%, 80%
HSV	315°, 14%, 86%
XYZ	59.5814, 56.3643, 70.0137
YIQ	200.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

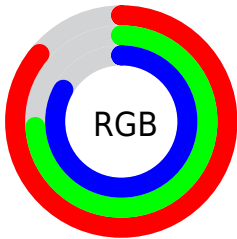
Format	Color
R _Y B	220, 189, 212
Decimal	14466516
CIE Lab	79.82, 14.90, -7.42
CIE LCh	80, 16.642, 333.533
Yxy	56.3643, 0.3204, 0.3031
Android (android.graphics.Color)	4292656596 (0xFFDCBDD4)
YUV	200.8910, 5.4767, 16.7586
Hunter-Lab	75.0762, 10.2766, -2.7387

Details

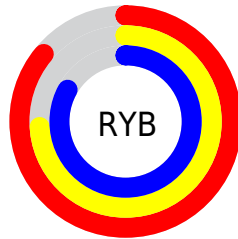
The Yxy color $56.3643, 0.3204, 0.3031$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $66.0096, 0.3058, 0.3564$, and the grayscale version is $58.2956, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $28.0420, 0.3229, 0.2978$ is the 20% darker color. If you saturate the color by 10%, you get $47.3284, 0.3270, 0.2839$, and if you desaturate by 10%, it is $66.8500, 0.3148, 0.3217$.

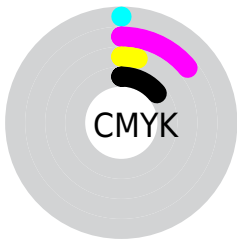
Distribution



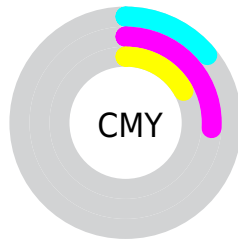
- Red (86%)
- Green (74%)
- Blue (83%)



- Red (86%)
- Yellow (74%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3643, 0.3204, 0.3031 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 56.3643, 0.3204, 0.3031 by changing the saturation by 10% instead.


 56.3643, 0.3204,
0.3031

 56.3643, 0.3204,
0.3031

411.0630, 0.3168,
0.3154

 40.4951, 0.3212,
0.3002


 99.5370, 0.3191,
0.3074

 27.9248, 0.3223,
0.2966


127.6093, 0.3187,
0.3091

 18.2690, 0.3236,
0.2920


160.5181, 0.3182,
0.3105

 11.1433, 0.3253,
0.2858

198.6477, 0.3179,
0.3117

 6.1633, 0.3277,
0.2772

242.3826, 0.3176,
0.3128

 2.9446, 0.3312,
0.2643

292.1072, 0.3173,

 1.1029, 0.3368,

0.3138

0.2431

348.2059, 0.3170,
0.3146

0.0000, 0.4096,
0.0000

0.0000, 0.0000,
0.0000

56.3643, 0.3204,
0.3031

56.3643, 0.3204,
0.3031

47.3284, 0.3270,
0.2839

66.8500, 0.3148,
0.3217

39.6705, 0.3345,
0.2647

78.8387, 0.3100,
0.3394

33.3237, 0.3430,
0.2462

92.3824, 0.3059,
0.3560

28.2124, 0.3524,
0.2292

92.7040, 0.3028,
0.3500

■ 24.2535, 0.3625,
0.2149

■ 93.0359, 0.2996,
0.3440

■ 21.3535, 0.3731,
0.2043

■ 93.3784, 0.2965,
0.3382

■ 19.4043, 0.3837,
0.1981

■ 93.7315, 0.2935,
0.3324

■ 18.2743, 0.3940,
0.1968

■ 93.9467, 0.2917,
0.3289

■ 17.8620, 0.4000,
0.1977

Harmonies

Analogous

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



56.3643, 0.2984, 0.2939



56.3643, 0.3204, 0.3031



56.3643, 0.3409, 0.3186

Triad

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



56.3643, 0.3204, 0.3031



56.3643, 0.3448, 0.3655



56.3643, 0.2733, 0.3186

Complementary

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



56.3643, 0.3204, 0.3031



66.0096, 0.3058, 0.3564

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.



56.3643, 0.2849, 0.3390



56.3643, 0.3204, 0.3031



56.3643, 0.3260, 0.3669

Square

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



56.3643, 0.3204, 0.3031



56.3643, 0.3552, 0.3543



56.3643, 0.3040, 0.3571



56.3643, 0.2719, 0.3020

Rectangle

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



56.3643, 0.3204, 0.3031



56.3643, 0.3506, 0.3309



56.3643, 0.3040, 0.3571



56.3643, 0.2761, 0.3253

Sweetspot

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



56.3668, 0.3204, 0.3031



93.4958, 0.3147, 0.3217



53.4093, 0.2961, 0.2925



19.7584, 0.3151, 0.3204



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.



56.3668, 0.3204, 0.3031



74.6939, 0.3223, 0.2972



55.6343, 0.3324, 0.3202



13.2146, 0.3177, 0.3118



10.5082, 0.3985, 0.1969



0.6945, 0.3831, 0.1884

Inverse Universe

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



56.3668, 0.3204, 0.3031



74.6939, 0.3223, 0.2972



66.7432, 0.2962, 0.3380



13.2146, 0.3177, 0.3118



10.5082, 0.3985, 0.1969



0.6945, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 56.3643, 0.3204, 0.3031 looks on a white background.

Color Contrast Check

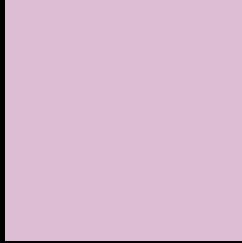
Large Text (above 18pt) WCAG AA × Fail

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 56.3643, 0.3204, 0.3031 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 56.3643, 0.3204, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 56.3643, 0.3204, 0.3031.



This preview shows how white text looks on a background with the Yxy color 56.3643, 0.3204, 0.3031.

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

56.3643, 0.3204, 0.3031

Protanopia

56.6780, 0.2977, 0.3054

Deuteranopia

56.2513, 0.3137, 0.3071



Tritanopia

56.2948, 0.3250, 0.3119

Trichromacy



Original Color

56.3643, 0.3204, 0.3031

Protanomaly

56.4690, 0.3060, 0.3046

Deuteranomaly

56.2609, 0.3162, 0.3061

Tritanomaly

56.4410, 0.3226, 0.3086

Monochromacy



Original Color

56.3643, 0.3204, 0.3031

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7502, 0.3155, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3643, 0.3204, 0.3031 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(220, 189, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 212)  
}
```

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(220, 189, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.3643, 0.3204, 0.3031 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(220, 189, 212) }
```

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

```
.border{ border-color:rgb(220, 189, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 189, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 189, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 189, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 189,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3643, 0.3204, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 189, 212) }
```

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

```
.background{ background-color: rgb(220,  
189, 212) }
```

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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