

Converting Colors

$Y_{xy}(56.7073, 0.3208, 0.3045)$

Have a look what the booklet for
Yxy(56.7073, 0.3208, 0.3045)
contains.

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Color

Yxy(56.7960, 0.3204, 0.3042)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DCBED4 |
| RGB | 220, 190, 212 |
| RGB Percent | 86%, 75%, 83% |
| CMY | 0.1371, 0.2549, 0.1687 |
| CMYK | 0.00, 0.14, 0.04, 0.14 |
| HSL | 316°, 30%, 80% |
| HSV | 316°, 14%, 86% |
| XYZ | 59.8206, 56.7960, 70.0895 |
| YIQ | 201.4780, 10.8180, 13.2020 |

Conversions

Conversions Part 2

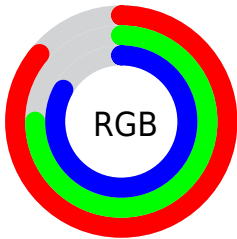
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 220, 190, 212 |
| Decimal | 14466772 |
| CIE Lab | 80.06, 14.42, -7.06 |
| CIE LCh | 80, 16.053, 333.915 |
| Yxy | 56.7960, 0.3204, 0.3042 |
| Android (android.graphics.Color) | 4292656852 (0xFFDCBED4) |
| YUV | 201.4780, 5.1873, 16.2438 |
| Hunter-Lab | 75.3631, 9.8017, -2.3869 |

Details

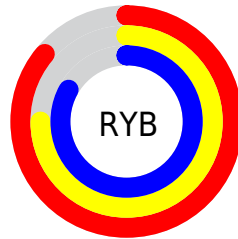
The Yxy color **56.7960, 0.3204, 0.3042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.2346, 0.3058, 0.3551**, and the grayscale version is **58.6864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **28.3250, 0.3228, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **47.6836, 0.3272, 0.2853**, and if you desaturate by 10%, it is **67.3632, 0.3146, 0.3225**.

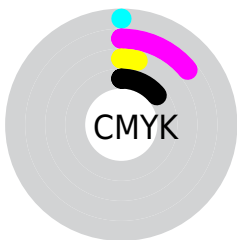
Distribution



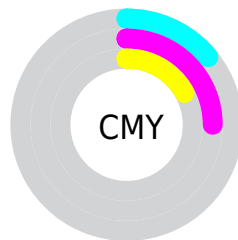
- Red (86%)
- Green (75%)
- Blue (83%)



- Red (86%)
- Yellow (75%)
- Blue (83%)



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





- Cyan (14%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7960, 0.3204, 0.3042 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 56.7960, 0.3204, 0.3042 by changing the saturation by 10% instead.


 56.7960, 0.3204,
0.3042

 56.7960, 0.3204,
0.3042


412.6845, 0.3168,
0.3160

 40.8415, 0.3212,
0.3014


 100.1675, 0.3191,
0.3083

 28.1952, 0.3223,
0.2980


128.3532, 0.3187,
0.3099

 18.4729, 0.3236,
0.2936


161.3848, 0.3182,
0.3113

 11.2900, 0.3253,
0.2877

199.6466, 0.3179,
0.3125

 6.2623, 0.3278,
0.2794

243.5231, 0.3176,
0.3135

 3.0052, 0.3313,
0.2671

293.3987, 0.3173,

 1.1344, 0.3370,

0.3144

0.2468

349.6576, 0.3170,
0.3152

0.0072, 0.4137,
0.0083

0.0000, 0.0000,
0.0000

56.7960, 0.3204,
0.3042

56.7960, 0.3204,
0.3042

47.6836, 0.3272,
0.2853

67.3632, 0.3146,
0.3225

39.9541, 0.3349,
0.2663

79.4381, 0.3097,
0.3399

33.5407, 0.3438,
0.2479

92.4377, 0.3056,
0.3552

28.3682, 0.3535,
0.2311

92.7741, 0.3023,
0.3490

■ 24.3536, 0.3641,
0.2168

■ 93.1218, 0.2991,
0.3428

■ 21.4037, 0.3751,
0.2062

■ 93.4809, 0.2958,
0.3367

■ 19.4110, 0.3862,
0.2000

■ 93.8515, 0.2927,
0.3307

■ 18.2451, 0.3971,
0.1987

■ 93.9624, 0.2917,
0.3289

■ 17.7982, 0.4039,
0.1999

Harmonies

Analogous

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



56.7960, 0.2993, 0.2953



56.7960, 0.3204, 0.3042



56.7960, 0.3400, 0.3192

Triad

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



56.7960, 0.3204, 0.3042



56.7960, 0.3435, 0.3642



56.7960, 0.2747, 0.3188

Complementary

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



56.7960, 0.3204, 0.3042



66.2346, 0.3058, 0.3551

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.



56.7960, 0.2858, 0.3384



56.7960, 0.3204, 0.3042



56.7960, 0.3252, 0.3654

Square

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



56.7960, 0.3204, 0.3042



56.7960, 0.3535, 0.3536



56.7960, 0.3041, 0.3559



56.7960, 0.2734, 0.3029

Rectangle

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



56.7960, 0.3204, 0.3042



56.7960, 0.3493, 0.3311



56.7960, 0.3041, 0.3559



56.7960, 0.2774, 0.3252

Sweetspot

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



56.7985, 0.3204, 0.3042



93.4890, 0.3148, 0.3218



53.9992, 0.2970, 0.2936



19.7566, 0.3152, 0.3205



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.



56.7985, 0.3204, 0.3042



75.9901, 0.3220, 0.2996



56.0769, 0.3321, 0.3210



13.2122, 0.3178, 0.3120



10.4604, 0.4023, 0.1990



0.6917, 0.3861, 0.1901

Inverse Universe

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



56.7985, 0.3204, 0.3042



75.9901, 0.3220, 0.2996



66.9610, 0.2963, 0.3372



13.2122, 0.3178, 0.3120



10.4604, 0.4023, 0.1990



0.6917, 0.3861, 0.1901

Previews

White Background



This preview shows how the Yxy color 56.7960, 0.3204, 0.3042 looks on a white background.

Color Contrast Check

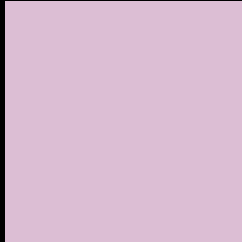
Large Text (above 18pt) WCAG AA × Fail

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 56.7960, 0.3204, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

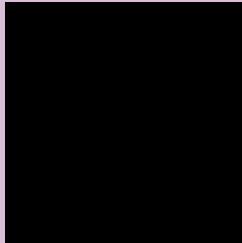
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7960, 0.3204, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 56.7960, 0.3204, 0.3042.



This preview shows how white text looks on a background with the Yxy color 56.7960, 0.3204, 0.3042.

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

56.7960, 0.3204, 0.3042

Protanopia

56.8126, 0.2985, 0.3054

Deuteranopia

56.8401, 0.3145, 0.3083



Tritanopia

56.7779, 0.3241, 0.3120

Trichromacy



Original Color

56.7960, 0.3204, 0.3042

Protanomaly

56.4690, 0.3060, 0.3046

Deuteranomaly

56.8495, 0.3169, 0.3073

Tritanomaly

56.8757, 0.3225, 0.3097

Monochromacy



Original Color

56.7960, 0.3204, 0.3042

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 56.7960, 0.3204, 0.3042 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, 190, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 190, 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, 190, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 190, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.7960, 0.3204, 0.3042 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, 190, 212) }
```

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

```
.border{ border-color:rgb(220, 190, 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, 190, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 190, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 190, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 190,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7960, 0.3204, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 190, 212) }
```

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

```
.background{ background-color: rgb(220,  
190, 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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