

Converting Colors

Yxy(56.3504, 0.3153, 0.3082)

Have a look what the booklet for
Yxy(56.3504, 0.3153, 0.3082)
contains.

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Color

Yxy(56.3495, 0.3153, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	D4C0D2
RGB	212, 192, 210
RGB Percent	83%, 75%, 82%
CMY	0.1687, 0.2470, 0.1766
CMYK	0.00, 0.09, 0.01, 0.17
HSL	306°, 19%, 79%
HSV	306°, 9%, 83%
XYZ	57.6289, 56.3495, 68.7965
YIQ	200.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

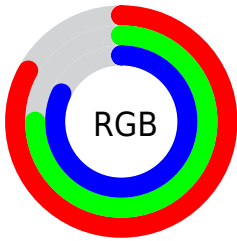
Format	Color
R _Y B	212, 192, 210
Decimal	13942994
CIE Lab	79.81, 10.21, -6.43
CIE LCh	80, 12.062, 327.811
Yxy	56.3495, 0.3153, 0.3083
Android (android.graphics.Color)	4292133074 (0xFFD4C0D2)
YUV	200.0320, 4.9142, 10.4959
Hunter-Lab	75.0663, 5.6697, -1.7915

Details

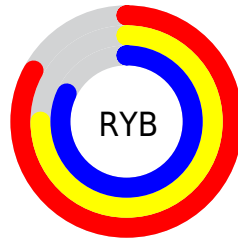
The Yxy color **56.3495, 0.3153, 0.3083** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1857, 0.3102, 0.3506**, and the grayscale version is **57.7459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **28.0336, 0.3150, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **47.5970, 0.3184, 0.2857**, and if you desaturate by 10%, it is **66.4492, 0.3126, 0.3302**.

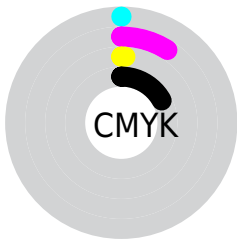
Distribution



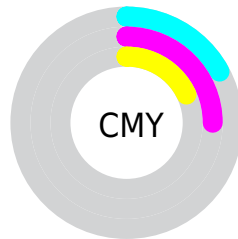
- Red (83%)
- Green (75%)
- Blue (82%)



- Red (83%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (17%)




- Cyan (17%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3495, 0.3153, 0.3083 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 56.3495, 0.3153, 0.3083 by changing the saturation by 10% instead.


 56.3495, 0.3153,
0.3083

 56.3495, 0.3153,
0.3083


411.0073, 0.3141,
0.3182

 40.4832, 0.3156,
0.3060


 99.5154, 0.3149,
0.3118

 27.9155, 0.3159,
0.3031


127.5838, 0.3147,
0.3131

 18.2620, 0.3163,
0.2993


160.4884, 0.3146,
0.3143

 11.1382, 0.3168,
0.2942

198.6135, 0.3145,
0.3153

 6.1599, 0.3175,
0.2872

242.3435, 0.3144,
0.3161

 2.9425, 0.3184,
0.2765

292.0629, 0.3143,

 1.1018, 0.3197,

0.3169

0.2585

348.1560, 0.3142,
0.3176

■ 0.0000, 0.3497,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3495, 0.3153,
0.3083

■ 56.3495, 0.3153,
0.3083

■ 47.5970, 0.3184,
0.2857

■ 66.4492, 0.3126,
0.3302

■ 40.1272, 0.3218,
0.2630

■ 77.9423, 0.3102,
0.3511

■ 33.8815, 0.3254,
0.2409

■ 90.4931, 0.3081,
0.3700

■ 28.7937, 0.3293,
0.2204

■ 90.6045, 0.3069,
0.3677

■ 24.7915, 0.3333,
0.2024

■ 90.7173, 0.3057,
0.3654

■ 21.7942, 0.3373,
0.1879

■ 90.8316, 0.3045,
0.3630

■ 19.7103, 0.3412,
0.1775

■ 90.9473, 0.3034,
0.3607

■ 18.4313, 0.3448,
0.1715

■ 91.0645, 0.3022,
0.3584

■ 17.7733, 0.3481,
0.1693

■ 91.1831, 0.3010,
0.3561

Harmonies

Analogous

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



56.3495, 0.2996, 0.3027



56.3495, 0.3153, 0.3083



56.3495, 0.3306, 0.3191

Triad

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



56.3495, 0.3153, 0.3083



56.3495, 0.3380, 0.3545



56.3495, 0.2850, 0.3244

Complementary

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



56.3495, 0.3153, 0.3083



62.1857, 0.3102, 0.3506

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.



56.3495, 0.2949, 0.3391



56.3495, 0.3153, 0.3083



56.3495, 0.3254, 0.3567

Square

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



56.3495, 0.3153, 0.3083



56.3495, 0.3439, 0.3455



56.3495, 0.3096, 0.3511



56.3495, 0.2825, 0.3115

Rectangle

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



56.3495, 0.3153, 0.3083



56.3495, 0.3384, 0.3279



56.3495, 0.3096, 0.3511



56.3495, 0.2876, 0.3293

Sweetspot

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



56.3519, 0.3153, 0.3083



95.1663, 0.3135, 0.3224



53.9280, 0.2997, 0.3050



20.1000, 0.3137, 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.



56.3519, 0.3153, 0.3083



83.2102, 0.3158, 0.3045



55.8702, 0.3229, 0.3197



12.6101, 0.3153, 0.3083



10.9624, 0.3478, 0.1690



0.6676, 0.3426, 0.1661

Inverse Universe

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



56.3519, 0.3153, 0.3083



83.2102, 0.3158, 0.3045



62.6491, 0.3035, 0.3385



12.6101, 0.3153, 0.3083



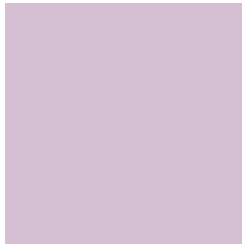
10.9624, 0.3478, 0.1690



0.6676, 0.3426, 0.1661

Previews

White Background



This preview shows how the Yxy color 56.3495, 0.3153, 0.3083 looks on a white background.

Color Contrast Check

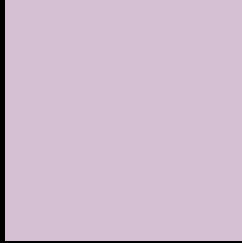
Large Text (above 18pt) WCAG AA × Fail

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 56.3495, 0.3153, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

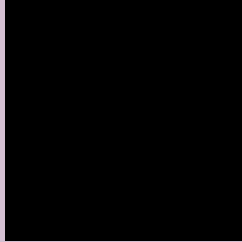
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3495, 0.3153, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 56.3495, 0.3153, 0.3083.



This preview shows how white text looks on a background with the Yxy color 56.3495, 0.3153, 0.3083.

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

56.3495, 0.3153, 0.3083

Protanopia

56.6069, 0.3012, 0.3100

Deuteranopia

56.3495, 0.3153, 0.3083



Tritanopia

56.2504, 0.3168, 0.3105

Trichromacy



Original Color

56.3495, 0.3153, 0.3083

Protanomaly

56.3402, 0.3058, 0.3090

Deuteranomaly

56.3495, 0.3153, 0.3083

Tritanomaly

56.2998, 0.3160, 0.3094

Monochromacy



Original Color

56.3495, 0.3153, 0.3083

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1295, 0.3131, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3495, 0.3153, 0.3083 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(212, 192, 210)` looks like.

```
.text, #text, p{  
    color:rgb(212, 192, 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(212, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 192, 210) }
```

Border

The CSS property to change the border of an element to Yxy 56.3495, 0.3153, 0.3083 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(212, 192, 210) }
```

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

```
.border{ border-color:rgb(212, 192, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(212, 192,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3495, 0.3153, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 192, 210) }
```

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

```
.background{ background-color: rgb(212,  
192, 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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