

Converting Colors

Yxy(56.4499, 0.3213, 0.3091)

Have a look what the booklet for
Yxy(56.4499, 0.3213, 0.3091)
contains.

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Color

Yxy(56.5674, 0.3209, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	D9BFD0
RGB	217, 191, 208
RGB Percent	85%, 75%, 82%
CMY	0.1490, 0.2510, 0.1843
CMYK	0.00, 0.12, 0.04, 0.15
HSL	321°, 25%, 80%
HSV	321°, 12%, 85%
XYZ	58.6320, 56.5674, 67.5118
YIQ	200.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

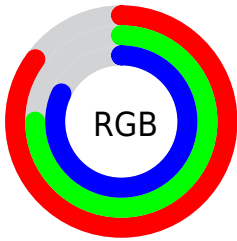
Format	Color
R _Y B	217, 191, 208
Decimal	14270416
CIE Lab	79.94, 12.12, -5.14
CIE LCh	80, 13.162, 337.023
Yxy	56.5674, 0.3209, 0.3096
Android (android.graphics.Color)	4292460496 (0xFFD9BFD0)
YUV	200.7120, 3.5930, 14.2846
Hunter-Lab	75.2113, 7.5324, -0.5725

Details

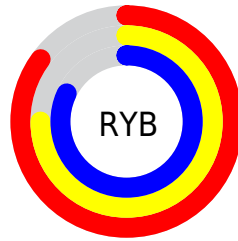
The Yxy color $56.5674, 0.3209, 0.3096$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.8715, 0.3054, 0.3492$, and the grayscale version is $58.1955, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $28.1914, 0.3226, 0.3049$ is the 20% darker color. If you saturate the color by 10%, you get $47.4352, 0.3291, 0.2927$, and if you desaturate by 10%, it is $67.1242, 0.3140, 0.3259$.

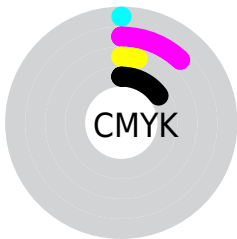
Distribution



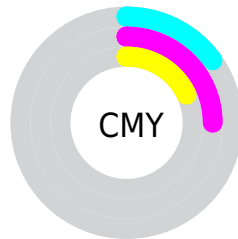
- Red (85%)
- Green (75%)
- Blue (82%)



- Red (85%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (15%)




- Cyan (15%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5674, 0.3209, 0.3096 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 56.5674, 0.3209, 0.3096 by changing the saturation by 10% instead.


 56.5674, 0.3209,
0.3096

 56.5674, 0.3209,
0.3096


411.8263, 0.3170,
0.3189

 40.6580, 0.3218,
0.3074


 99.8337, 0.3195,
0.3129

 28.0520, 0.3230,
0.3047

127.9594, 0.3190,
0.3141

 18.3648, 0.3244,
0.3012


160.9260, 0.3186,
0.3152

 11.2122, 0.3264,
0.2964

199.1179, 0.3182,
0.3161

 6.2098, 0.3292,
0.2898

242.9195, 0.3178,
0.3169

 2.9731, 0.3333,
0.2798

292.7152, 0.3175,

 1.1177, 0.3403,

0.3176

0.2629

348.8893, 0.3173,
0.3183

0.0000, 0.4513,
0.0000

0.0000, 0.0000,
0.0000

56.5674, 0.3209,
0.3096

56.5674, 0.3209,
0.3096

47.4352, 0.3291,
0.2927

67.1242, 0.3140,
0.3259

39.6585, 0.3387,
0.2755

79.1560, 0.3081,
0.3412

33.1736, 0.3498,
0.2586

92.0136, 0.3033,
0.3544

27.9085, 0.3624,
0.2430

92.4453, 0.2991,
0.3465

■ 23.7845, 0.3763,
0.2296

■ 92.8954, 0.2951,
0.3387

■ 20.7133, 0.3911,
0.2196

■ 93.3641, 0.2911,
0.3310

■ 18.5935, 0.4064,
0.2141

■ 93.4915, 0.2900,
0.3289

■ 17.3038, 0.4216,
0.2135

■ 16.7046, 0.4336,
0.2162

Harmonies

Analogous

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



56.5674, 0.3034, 0.3016



56.5674, 0.3209, 0.3096



56.5674, 0.3365, 0.3225

Triad

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



56.5674, 0.3209, 0.3096



56.5674, 0.3367, 0.3584



56.5674, 0.2808, 0.3192

Complementary

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



56.5674, 0.3209, 0.3096



64.8715, 0.3054, 0.3492

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.



56.5674, 0.2893, 0.3351



56.5674, 0.3209, 0.3096



56.5674, 0.3213, 0.3583

Square

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



56.5674, 0.3209, 0.3096



56.5674, 0.3457, 0.3505



56.5674, 0.3040, 0.3497



56.5674, 0.2807, 0.3066

Rectangle

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



56.5674, 0.3209, 0.3096



56.5674, 0.3436, 0.3324



56.5674, 0.3040, 0.3497



56.5674, 0.2828, 0.3243

Sweetspot

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



56.5699, 0.3209, 0.3096



93.4389, 0.3153, 0.3226



54.5071, 0.3005, 0.2984



19.7439, 0.3158, 0.3214



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.



56.5699, 0.3209, 0.3096



78.5304, 0.3226, 0.3060



55.9704, 0.3308, 0.3240



13.1944, 0.3190, 0.3138



10.1329, 0.4315, 0.2151



0.6724, 0.4089, 0.2026

Inverse Universe

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



56.5699, 0.3209, 0.3096



78.5304, 0.3226, 0.3060



65.4891, 0.2972, 0.3340



13.1944, 0.3190, 0.3138



10.1329, 0.4315, 0.2151



0.6724, 0.4089, 0.2026

Previews

White Background



This preview shows how the Yxy color 56.5674, 0.3209, 0.3096 looks on a white background.

Color Contrast Check

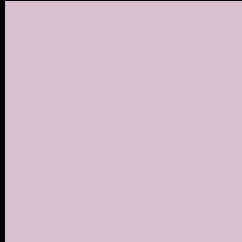
Large Text (above 18pt) WCAG AA × Fail

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 56.5674, 0.3209, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

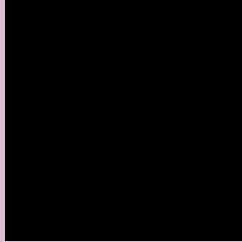
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5674, 0.3209, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 56.5674, 0.3209, 0.3096.



This preview shows how white text looks on a background with the Yxy color 56.5674, 0.3209, 0.3096.

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

56.5674, 0.3209, 0.3096

Protanopia

56.6917, 0.3027, 0.3112

Deuteranopia

56.3995, 0.3176, 0.3106



Tritanopia

56.4695, 0.3225, 0.3119

Trichromacy



Original Color

56.5674, 0.3209, 0.3096

Protanomaly

56.7125, 0.3089, 0.3103

Deuteranomaly

56.5495, 0.3184, 0.3106

Tritanomaly

56.5183, 0.3217, 0.3107

Monochromacy



Original Color

56.5674, 0.3209, 0.3096

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.5575, 0.3155, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5674, 0.3209, 0.3096 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(217, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 208)  
}
```

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(217, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 208) }
```

Border

The CSS property to change the border of an element to Yxy 56.5674, 0.3209, 0.3096 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(217, 191, 208) }
```

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

```
.border{ border-color:rgb(217, 191, 208) }
```

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

Here you see how a box with a 4 pixel rgb(217, 191, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 208);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5674, 0.3209, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 208) }
```

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

```
.background{ background-color: rgb(217,  
191, 208) }
```

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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