

Converting Colors

Yxy(56.9295, 0.3184, 0.3114)

Have a look what the booklet for
Yxy(56.9295, 0.3184, 0.3114)
contains.

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Color

Yxy(56.9901, 0.3183, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	D6C1D0
RGB	214, 193, 208
RGB Percent	84%, 76%, 82%
CMY	0.1609, 0.2431, 0.1843
CMYK	0.00, 0.10, 0.03, 0.16
HSL	317°, 20%, 80%
HSV	317°, 10%, 84%
XYZ	58.1782, 56.9901, 67.6095
YIQ	200.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

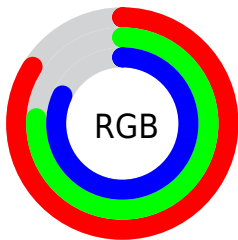
Format	Color
R _Y B	214, 193, 208
Decimal	14074320
CIE Lab	80.17, 9.99, -4.81
CIE LCh	80, 11.086, 334.292
Yxy	56.9901, 0.3183, 0.3118
Android (android.graphics.Color)	4292264400 (0xFFD6C1D0)
YUV	200.9890, 3.4564, 11.4106
Hunter-Lab	75.4918, 5.4514, -0.2551

Details

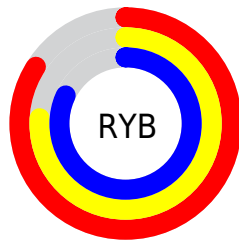
The Yxy color **56.9901, 0.3183, 0.3118** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5358, 0.3076, 0.3468**, and the grayscale version is **58.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.1693, 0.3192, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **47.9121, 0.3250, 0.2935**, and if you desaturate by 10%, it is **67.4532, 0.3126, 0.3294**.

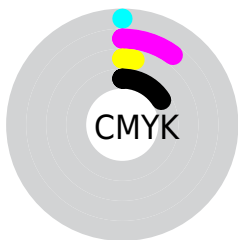
Distribution



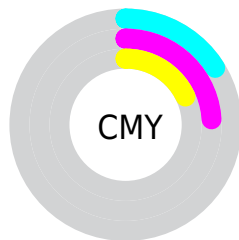
- Red (84%)
- Green (76%)
- Blue (82%)



- Red (84%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9901, 0.3183, 0.3118 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 56.9901, 0.3183, 0.3118 by changing the saturation by 10% instead.


 56.9901, 0.3183,
0.3118

 56.9901, 0.3183,
0.3118


413.4122, 0.3157,
0.3200

 40.9973, 0.3189,
0.3099


 100.4507, 0.3174,
0.3147

 28.3170, 0.3197,
0.3074


128.6874, 0.3170,
0.3158

 18.5647, 0.3207,
0.3043


161.7741, 0.3167,
0.3168

 11.3562, 0.3220,
0.3001

200.0952, 0.3164,
0.3176

 6.3069, 0.3239,
0.2942

244.0352, 0.3162,
0.3183

 3.0326, 0.3266,
0.2852

293.9784, 0.3160,

 1.1488, 0.3312,

0.3189

0.2702

350.3093, 0.3158,
0.3195

0.0193, 0.4105,
0.0302

0.0000, 0.0000,
0.0000

56.9901, 0.3183,
0.3118

56.9901, 0.3183,
0.3118

47.9121, 0.3250,
0.2935

67.4532, 0.3126,
0.3294

40.1530, 0.3328,
0.2749

79.3489, 0.3078,
0.3459

33.6525, 0.3417,
0.2566

91.3158, 0.3038,
0.3591

28.3426, 0.3516,
0.2393

91.6565, 0.3004,
0.3526

■ 24.1489, 0.3626,
0.2242

■ 92.0092, 0.2971,
0.3461

■ 20.9885, 0.3742,
0.2123

■ 92.3740, 0.2938,
0.3397

■ 18.7669, 0.3861,
0.2046

■ 92.7510, 0.2906,
0.3334

■ 17.3722, 0.3980,
0.2017

■ 93.0303, 0.2883,
0.3289

■ 16.6073, 0.4096,
0.2031

Harmonies

Analogous

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



56.9901, 0.3037, 0.3055



56.9901, 0.3183, 0.3118



56.9901, 0.3317, 0.3225

Triad

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



56.9901, 0.3183, 0.3118



56.9901, 0.3338, 0.3534



56.9901, 0.2862, 0.3220

Complementary

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



56.9901, 0.3183, 0.3118



63.5358, 0.3076, 0.3468

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.



56.9901, 0.2939, 0.3354



56.9901, 0.3183, 0.3118



56.9901, 0.3213, 0.3538

Square

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



56.9901, 0.3183, 0.3118



56.9901, 0.3407, 0.3463



56.9901, 0.3067, 0.3472



56.9901, 0.2854, 0.3110

Rectangle

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



56.9901, 0.3183, 0.3118



56.9901, 0.3380, 0.3308



56.9901, 0.3067, 0.3472



56.9901, 0.2881, 0.3264

Sweetspot

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



56.9926, 0.3183, 0.3118



95.0764, 0.3143, 0.3238



55.1367, 0.3021, 0.3042



20.0756, 0.3148, 0.3224



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.



56.9926, 0.3183, 0.3118



81.4585, 0.3198, 0.3076



56.4951, 0.3263, 0.3238



12.5696, 0.3181, 0.3125



10.0523, 0.4082, 0.2022



0.6202, 0.3897, 0.1920

Inverse Universe

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



56.9926, 0.3183, 0.3118



81.4585, 0.3198, 0.3076



64.0378, 0.3007, 0.3343



12.5696, 0.3181, 0.3125



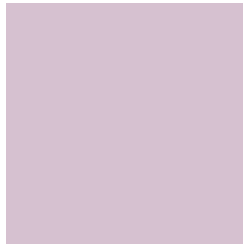
10.0523, 0.4082, 0.2022



0.6202, 0.3897, 0.1920

Previews

White Background



This preview shows how the Yxy color 56.9901, 0.3183, 0.3118 looks on a white background.

Color Contrast Check

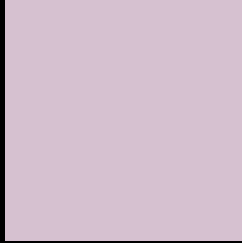
Large Text (above 18pt) WCAG AA × Fail

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 56.9901, 0.3183, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

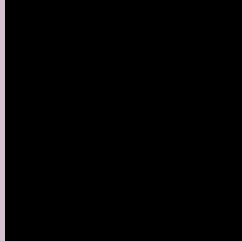
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9901, 0.3183, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 56.9901, 0.3183, 0.3118.



This preview shows how white text looks on a background with the Yxy color 56.9901, 0.3183, 0.3118.

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

56.9901, 0.3183, 0.3118

Protanopia

57.2334, 0.3042, 0.3136

Deuteranopia

56.9901, 0.3183, 0.3118



Tritanopia

56.9901, 0.3183, 0.3118

Trichromacy



Original Color

56.9901, 0.3183, 0.3118

Protanomaly

56.9704, 0.3088, 0.3126

Deuteranomaly

56.9901, 0.3183, 0.3118

Tritanomaly

56.9901, 0.3183, 0.3118

Monochromacy



Original Color

56.9901, 0.3183, 0.3118

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8696, 0.3146, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9901, 0.3183, 0.3118 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(214, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(214, 193, 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(214, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 193, 208) }
```

Border

The CSS property to change the border of an element to Yxy 56.9901, 0.3183, 0.3118 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(214, 193, 208) }
```

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

```
.border{ border-color:rgb(214, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(214, 193,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9901, 0.3183, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 193, 208) }
```

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

```
.background{ background-color: rgb(214,  
193, 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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