

Converting Colors

Yxy(56.8723, 0.3118, 0.3020)

Have a look what the booklet for
Yxy(56.8723, 0.3118, 0.3020)
contains.

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Color

Yxy(56.8033, 0.3116, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	D5C0D8
RGB	213, 192, 216
RGB Percent	84%, 75%, 85%
CMY	0.1647, 0.2470, 0.1529
CMYK	0.01, 0.11, 0.00, 0.15
HSL	292°, 24%, 80%
HSV	292°, 11%, 85%
XYZ	58.6867, 56.8033, 72.8499
YIQ	201.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

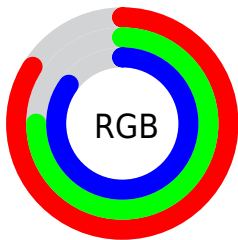
Format	Color
R _{YB}	213, 192, 216
Decimal	14008536
CIE Lab	80.07, 11.68, -9.29
CIE LCh	80, 14.920, 321.493
Yxy	56.8033, 0.3116, 0.3016
Android (android.graphics.Color)	4292198616 (0xFFD5C0D8)
YUV	201.0150, 7.3876, 10.5108
Hunter-Lab	75.3680, 7.0985, -4.5515

Details

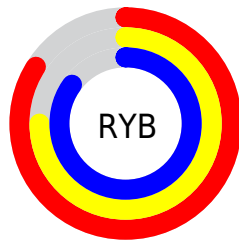
The Yxy color **56.8033, 0.3116, 0.3016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5333, 0.3136, 0.3576**, and the grayscale version is **58.3715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **28.3075, 0.3111, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **47.6024, 0.3103, 0.2760**, and if you desaturate by 10%, it is **67.4082, 0.3126, 0.3263**.

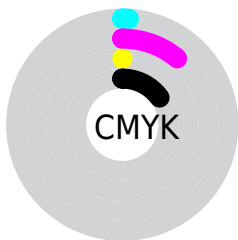
Distribution



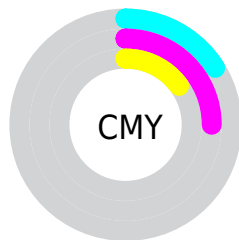
- Red (84%)
- Green (75%)
- Blue (85%)



- Red (84%)
- Yellow (75%)
- Blue (85%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)




- Cyan (16%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8033, 0.3116, 0.3016 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 56.8033, 0.3116, 0.3016 by changing the saturation by 10% instead.


 56.8033, 0.3116,
0.3016

 56.8033, 0.3116,
0.3016


412.7118, 0.3123,
0.3146

 40.8473, 0.3114,
0.2986


 100.1781, 0.3119,
0.3062

 28.1998, 0.3112,
0.2948


128.3658, 0.3119,
0.3079

 18.4763, 0.3108,
0.2899


161.3994, 0.3120,
0.3094

 11.2925, 0.3103,
0.2834

199.6635, 0.3121,
0.3107

 6.2639, 0.3095,
0.2743

243.5424, 0.3121,
0.3119

 3.0062, 0.3080,
0.2608

293.4205, 0.3122,

 1.1350, 0.3050,

0.3129

0.2386

349.6822, 0.3122,
0.3138

0.0076, 0.3052,
0.0080

0.0000, 0.0000,
0.0000

56.8033, 0.3116,
0.3016

56.8033, 0.3116,
0.3016

47.6024, 0.3103,
0.2760

67.4082, 0.3126,
0.3263

39.7376, 0.3086,
0.2502

79.4666, 0.3134,
0.3497

33.1466, 0.3065,
0.2250

91.8745, 0.3140,
0.3697

27.7591, 0.3041,
0.2015

92.3048, 0.3157,
0.3695

23.4980, 0.3014,
0.1805

92.7419, 0.3174,
0.3693

20.2771, 0.2984,
0.1631

93.1860, 0.3191,
0.3691

17.9978, 0.2952,
0.1500

93.6371, 0.3208,
0.3689

16.5425, 0.2919,
0.1413

94.0953, 0.3226,
0.3687

15.7596, 0.2891,
0.1366

94.5605, 0.3243,
0.3685

Harmonies

Analogous

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



56.8033, 0.2929, 0.2963



56.8033, 0.3116, 0.3016



56.8033, 0.3311, 0.3136

Triad

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



56.8033, 0.3116, 0.3016



56.8033, 0.3463, 0.3586



56.8033, 0.2806, 0.3270

Complementary

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



56.8033, 0.3116, 0.3016



64.5333, 0.3136, 0.3576

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.



56.8033, 0.2941, 0.3450



56.8033, 0.3116, 0.3016



56.8033, 0.3320, 0.3635

Square

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



56.8033, 0.3116, 0.3016



56.8033, 0.3515, 0.3460



56.8033, 0.3129, 0.3587



56.8033, 0.2754, 0.3102

Rectangle

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



56.8033, 0.3116, 0.3016



56.8033, 0.3418, 0.3240



56.8033, 0.3129, 0.3587



56.8033, 0.2843, 0.3331

Sweetspot

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



56.8057, 0.3116, 0.3016



95.0338, 0.3124, 0.3217



55.2881, 0.2954, 0.3041



20.0641, 0.3124, 0.3197



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.



56.8057, 0.3116, 0.3016



79.8609, 0.3114, 0.2965



56.8181, 0.3206, 0.3116



12.5498, 0.3118, 0.3059



9.3587, 0.2896, 0.1369



0.5872, 0.2953, 0.1400

Inverse Universe

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



56.2438, 0.3301, 0.3255



78.9149, 0.3337, 0.3249



64.5372, 0.3056, 0.3470



12.4460, 0.3271, 0.3261



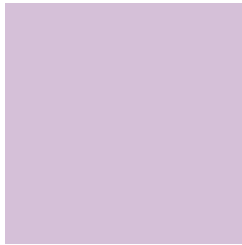
8.6970, 0.6232, 0.3207



0.5331, 0.5852, 0.2998

Previews

White Background



This preview shows how the Yxy color 56.8033, 0.3116, 0.3016 looks on a white background.

Color Contrast Check

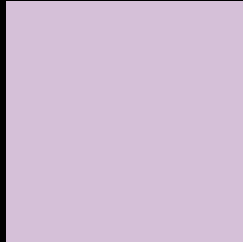
Large Text (above 18pt) WCAG AA × Fail

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 56.8033, 0.3116, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

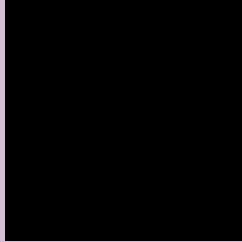
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8033, 0.3116, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 56.8033, 0.3116, 0.3016.



This preview shows how white text looks on a background with the Yxy color 56.8033, 0.3116, 0.3016.

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

56.8033, 0.3116, 0.3016

Protanopia

56.7827, 0.2963, 0.3031

Deuteranopia

56.7994, 0.3092, 0.3026



Tritanopia

56.6910, 0.3167, 0.3117

Trichromacy



Original Color

56.8033, 0.3116, 0.3016

Protanomaly

56.6487, 0.3015, 0.3022

Deuteranomaly

56.9467, 0.3100, 0.3027

Tritanomaly

56.8401, 0.3145, 0.3083

Monochromacy



Original Color

56.8033, 0.3116, 0.3016

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8235, 0.3124, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8033, 0.3116, 0.3016 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(213, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 192, 216)  
}
```

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(213, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 192, 216) }
```

Border

The CSS property to change the border of an element to Yxy 56.8033, 0.3116, 0.3016 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(213, 192, 216) }
```

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

```
.border{ border-color:rgb(213, 192, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 192,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8033, 0.3116, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 192, 216) }
```

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

```
.background{ background-color: rgb(213,  
192, 216) }
```

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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