

Converting Colors

$Yxy(56.7487, 0.2996, 0.2956)$

Have a look what the booklet for
Yxy(56.7487, 0.2996, 0.2956)
contains.

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Color

Yxy(56.7487, 0.2996, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	CCC2DF
RGB	204, 194, 223
RGB Percent	80%, 76%, 87%
CMY	0.1999, 0.2392, 0.1256
CMYK	0.08, 0.13, 0.00, 0.13
HSL	261°, 31%, 82%
HSV	261°, 13%, 87%
XYZ	57.5166, 56.7487, 77.7127
YIQ	200.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

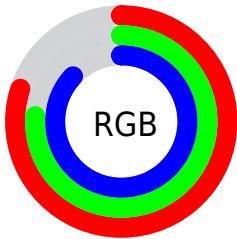
Format	Color
RYB	204, 194, 223
Decimal	13419231
CIELab	80.04, 8.96, -13.15
CIElCh	80, 15.913, 304.266
Yxy	56.7487, 0.2996, 0.2956
Android (android.graphics.Color)	4291609311 (0xFFCCC2DF)
YUV	200.2960, 11.1931, 3.2484
Hunter-Lab	75.3317, 4.4562, -8.4317

Details

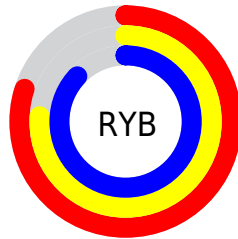
The Yxy color **56.7487, 0.2996, 0.2956** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.7907, 0.3247, 0.3618**, and the grayscale version is **57.8852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **28.0674, 0.2961, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **45.5956, 0.2877, 0.2671**, and if you desaturate by 10%, it is **69.5883, 0.3099, 0.3217**.

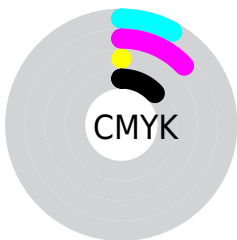
Distribution



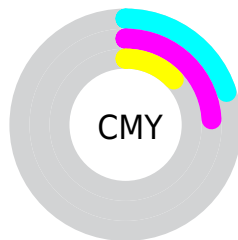
- Red (80%)
- Green (76%)
- Blue (87%)



- Red (80%)
- Yellow (76%)
- Blue (87%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7487, 0.2996, 0.2956 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 56.7487, 0.2996, 0.2956 by changing the saturation by 10% instead.

■ 56.7487, 0.2996,
0.2956

■ 56.7487, 0.2996,
0.2956

412.5070, 0.3060,
0.3114

■ 40.8035, 0.2980,
0.2919

■ 100.0984, 0.3019,
0.3012

■ 28.1656, 0.2961,
0.2873

128.2717, 0.3028,
0.3033

■ 18.4505, 0.2935,
0.2813

161.2899, 0.3035,
0.3051

■ 11.2739, 0.2899,
0.2735

199.5373, 0.3042,
0.3067

■ 6.2514, 0.2848,
0.2625

243.3983, 0.3047,
0.3081

■ 2.9985, 0.2769,
0.2462

293.2573, 0.3052,

■ 1.1310, 0.2630,

0.3094

0.2198

349.4987, 0.3057,
0.3105

0.0042, 0.1935,
0.0037

0.0000, 0.0000,
0.0000

56.7487, 0.2996,
0.2956

56.7487, 0.2996,
0.2956

45.5956, 0.2877,
0.2671

69.5883, 0.3099,
0.3217

36.0504, 0.2742,
0.2366

84.1742, 0.3188,
0.3452

28.0390, 0.2593,
0.2049

96.7572, 0.3269,
0.3606

21.4785, 0.2432,
0.1732

98.1061, 0.3316,
0.3602

■ 16.2777, 0.2267,
0.1433

■ 12.3351, 0.2105,
0.1169

■ 9.5339, 0.1956,
0.0957

■ 7.7341, 0.1828,
0.0809

■ 6.9145, 0.1752,
0.0739

Harmonies

Analogous

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



56.7487, 0.2827, 0.2949



56.7487, 0.2996, 0.2956



56.7487, 0.3206, 0.3045

Triad

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



56.7487, 0.2996, 0.2956



56.7487, 0.3531, 0.3535



56.7487, 0.2858, 0.3381

Complementary

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



56.7487, 0.2996, 0.2956



70.7907, 0.3247, 0.3618

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.



56.7487, 0.3040, 0.3555



56.7487, 0.2996, 0.2956



56.7487, 0.3430, 0.3640

Square

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



56.7487, 0.2996, 0.2956



56.7487, 0.3520, 0.3372



56.7487, 0.3249, 0.3650



56.7487, 0.2749, 0.3187

Rectangle

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



56.7487, 0.2996, 0.2956



56.7487, 0.3341, 0.3140



56.7487, 0.3249, 0.3650



56.7487, 0.2912, 0.3444

Sweetspot

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



56.7511, 0.2996, 0.2956



92.4214, 0.3089, 0.3191



64.5413, 0.2927, 0.3178



19.4861, 0.3082, 0.3172



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.



56.7511, 0.2996, 0.2956



71.9634, 0.2961, 0.2869



58.8360, 0.3104, 0.2967



13.4730, 0.3034, 0.3051



4.1235, 0.1767, 0.0747



0.3343, 0.1938, 0.0841

Inverse Universe

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



59.0665, 0.3217, 0.3079



75.7972, 0.3242, 0.3026



68.7731, 0.3145, 0.3628



13.8507, 0.3191, 0.3138



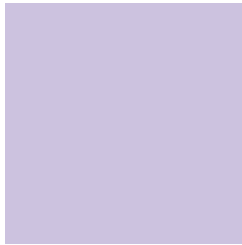
10.4618, 0.4320, 0.2154



0.7418, 0.4105, 0.2035

Previews

White Background



This preview shows how the Yxy color 56.7487, 0.2996, 0.2956 looks on a white background.

Color Contrast Check

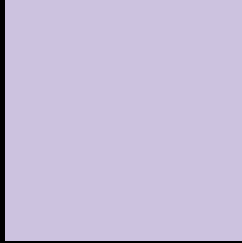
Large Text (above 18pt) WCAG AA × Fail

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 56.7487, 0.2996, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

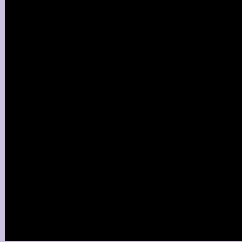
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

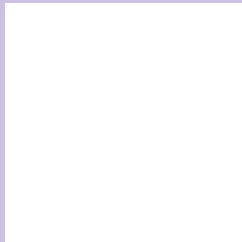
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7487, 0.2996, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 56.7487, 0.2996, 0.2956.



This preview shows how white text looks on a background with the Yxy color 56.7487, 0.2996, 0.2956.

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

56.7487, 0.2996, 0.2956

Protanopia

56.8381, 0.2908, 0.2962

Deuteranopia

56.5895, 0.3011, 0.2946



Tritanopia

56.7396, 0.3065, 0.3114

Trichromacy



Original Color

56.7487, 0.2996, 0.2956

Protanomaly

56.8674, 0.2944, 0.2964

Deuteranomaly

56.4468, 0.3003, 0.2945

Tritanomaly

56.6330, 0.3044, 0.3056

Monochromacy



Original Color

56.7487, 0.2996, 0.2956

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3597, 0.3078, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7487, 0.2996, 0.2956 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(204, 194, 223)` looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 223)  
}
```

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(204, 194, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 223) }
```

Border

The CSS property to change the border of an element to Yxy 56.7487, 0.2996, 0.2956 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(204, 194, 223) }
```

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

```
.border{ border-color:rgb(204, 194, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 223);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7487, 0.2996, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 223) }
```

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

```
.background{ background-color: rgb(204,  
194, 223) }
```

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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