

Converting Colors

Yxy(56.9827, 0.2969, 0.3002)

Have a look what the booklet for
Yxy(56.9827, 0.2969, 0.3002)
contains.

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Color

Yxy(56.8424, 0.2972, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	C7C4DD
RGB	199, 196, 221
RGB Percent	78%, 77%, 87%
CMY	0.2195, 0.2314, 0.1333
CMYK	0.10, 0.11, 0.00, 0.13
HSL	247°, 27%, 82%
HSV	247°, 11%, 87%
XYZ	56.3494, 56.8424, 76.4092
YIQ	199.7470, -6.2370, 8.4110

Conversions

Conversions Part 2

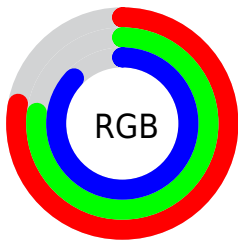
Format	Color
R_{YB}	199, 196, 221
Decimal	13092061
CIE Lab	80.09, 5.85, -12.06
CIE LCh	80, 13.400, 295.893
Yxy	56.8424, 0.2972, 0.2998
Android (android.graphics.Color)	4291282141 (0xFFC7C4DD)
YUV	199.7470, 10.4777, -0.6551
Hunter-Lab	75.3939, 1.4717, -7.3127

Details

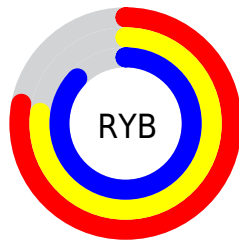
The Yxy color **56.8424, 0.2972, 0.2998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6006, 0.3273, 0.3570**, and the grayscale version is **57.5358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.1189, 0.2930, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **45.1087, 0.2814, 0.2707**, and if you desaturate by 10%, it is **70.3884, 0.3110, 0.3258**.

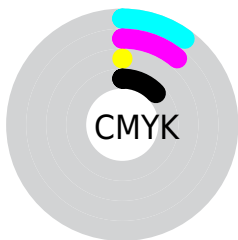
Distribution



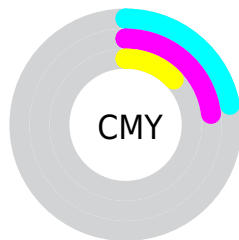
- Red (78%)
- Green (77%)
- Blue (87%)



- Red (78%)
- Yellow (77%)
- Blue (87%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8424, 0.2972, 0.2998 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 56.8424, 0.2972, 0.2998 by changing the saturation by 10% instead.

■ 56.8424, 0.2972,
0.2998

■ 56.8424, 0.2972,
0.2998

■ 412.8585, 0.3047,
0.3137

■ 40.8787, 0.2954,
0.2965

■ 100.2352, 0.2999,
0.3047

■ 28.2243, 0.2931,
0.2924

■ 128.4331, 0.3009,
0.3066

■ 18.4948, 0.2901,
0.2871

■ 161.4779, 0.3018,
0.3082

■ 11.3058, 0.2860,
0.2801

■ 199.7539, 0.3025,
0.3096

■ 6.2729, 0.2802,
0.2702

■ 243.6456, 0.3032,
0.3108

■ 3.0117, 0.2713,
0.2555

■ 293.5373, 0.3038,

■ 1.1379, 0.2558,

0.3119

349.8135, 0.3043,
0.3129

0.2311

0.0101, 0.1500,
0.0099

0.0000, 0.0000,
0.0000

56.8424, 0.2972,
0.2998

56.8424, 0.2972,
0.2998

45.1087, 0.2814,
0.2707

70.3884, 0.3110,
0.3258

35.1035, 0.2638,
0.2388

85.8116, 0.3230,
0.3487

26.7470, 0.2446,
0.2048

98.0006, 0.3327,
0.3621

19.9503, 0.2246,
0.1703

■ 14.6160, 0.2048,
0.1372

■ 10.6358, 0.1865,
0.1080

■ 7.8862, 0.1713,
0.0849

■ 6.2208, 0.1601,
0.0696

■ 5.4507, 0.1539,
0.0622

Harmonies

Analogous

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



56.8424, 0.2845, 0.3014



56.8424, 0.2972, 0.2998



56.8424, 0.3144, 0.3056

Triad

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



56.8424, 0.2972, 0.2998



56.8424, 0.3474, 0.3463



56.8424, 0.2938, 0.3411

Complementary

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



56.8424, 0.2972, 0.2998



70.6006, 0.3273, 0.3570

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.



56.8424, 0.3103, 0.3542



56.8424, 0.2972, 0.2998



56.8424, 0.3414, 0.3568

Square

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



56.8424, 0.2972, 0.2998



56.8424, 0.3438, 0.3319



56.8424, 0.3278, 0.3599



56.8424, 0.2826, 0.3249

Rectangle

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



56.8424, 0.2972, 0.2998



56.8424, 0.3261, 0.3128



56.8424, 0.3278, 0.3599



56.8424, 0.2989, 0.3461

Sweetspot

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



56.8448, 0.2972, 0.2998



93.9630, 0.3088, 0.3216



67.1429, 0.2954, 0.3256



19.7752, 0.3077, 0.3196



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.



56.8448, 0.2972, 0.2998



73.8275, 0.2930, 0.2920



58.6095, 0.3066, 0.3006



12.6924, 0.3000, 0.3050



3.1923, 0.1547, 0.0626



0.2324, 0.1658, 0.0687

Inverse Universe

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



59.9113, 0.3162, 0.3046



79.0241, 0.3172, 0.2984



68.7617, 0.3182, 0.3578



13.2463, 0.3156, 0.3087



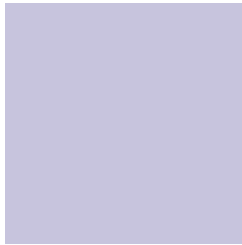
11.2095, 0.3539, 0.1723



0.7340, 0.3478, 0.1689

Previews

White Background



This preview shows how the Yxy color 56.8424, 0.2972, 0.2998 looks on a white background.

Color Contrast Check

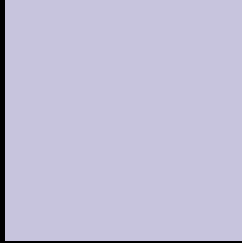
Large Text (above 18pt) WCAG AA × Fail

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 56.8424, 0.2972, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

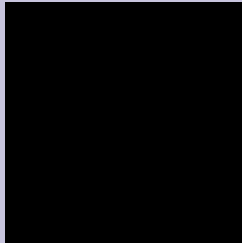
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

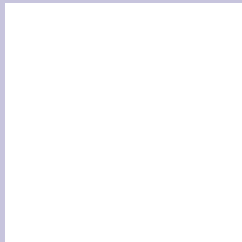
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8424, 0.2972, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 56.8424, 0.2972, 0.2998.



This preview shows how white text looks on a background with the Yxy color 56.8424, 0.2972, 0.2998.

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

56.8424, 0.2972, 0.2998

Protanopia

56.8085, 0.2935, 0.2996

Deuteranopia

56.6793, 0.3026, 0.2957



Tritanopia

56.7424, 0.3020, 0.3101

Trichromacy



Original Color

56.8424, 0.2972, 0.2998

Protanomaly

56.9422, 0.2943, 0.2997

Deuteranomaly

56.6949, 0.3003, 0.2967

Tritanomaly

56.8961, 0.2999, 0.3066

Monochromacy



Original Color

56.8424, 0.2972, 0.2998

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6803, 0.3070, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8424, 0.2972, 0.2998 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(199, 196, 221)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 221)  
}
```

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(199, 196, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 221) }
```

Border

The CSS property to change the border of an element to Yxy 56.8424, 0.2972, 0.2998 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(199, 196, 221) }
```

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

```
.border{ border-color:rgb(199, 196, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 221);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8424, 0.2972, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 221) }
```

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

```
.background{ background-color: rgb(199,  
196, 221) }
```

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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