

Converting Colors

$Yxy(57.2852, 0.3004, 0.2936)$

Have a look what the booklet for
Yxy(57.2852, 0.3004, 0.2936)
contains.

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Color

Yxy(57.2852, 0.3004, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	CFC2E1
RGB	207, 194, 225
RGB Percent	81%, 76%, 88%
CMY	0.1883, 0.2392, 0.1176
CMYK	0.08, 0.14, 0.00, 0.12
HSL	265°, 34%, 82%
HSV	265°, 14%, 88%
XYZ	58.6120, 57.2852, 79.2159
YIQ	201.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

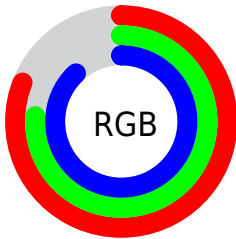
Format	Color
RYB	207, 194, 225
Decimal	13615841
CIELab	80.34, 10.33, -13.78
CIElCh	80, 17.217, 306.857
Yxy	57.2852, 0.3004, 0.2936
Android (android.graphics.Color)	4291805921 (0xFFCFC2E1)
YUV	201.4210, 11.6244, 4.8928
Hunter-Lab	75.6870, 5.7781, -9.0735

Details

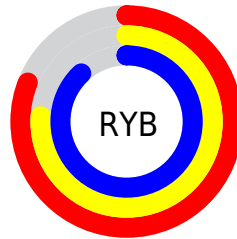
The Yxy color **57.2852, 0.3004, 0.2936** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.7616, 0.3238, 0.3640**, and the grayscale version is **58.6113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **28.4308, 0.2973, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **46.2099, 0.2898, 0.2653**, and if you desaturate by 10%, it is **70.0383, 0.3096, 0.3197**.

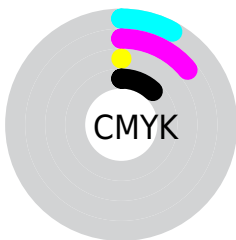
Distribution



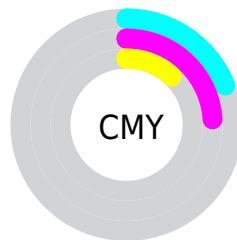
- Red (81%)
- Green (76%)
- Blue (88%)



- Red (81%)
- Yellow (76%)
- Blue (88%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2852, 0.3004, 0.2936 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 57.2852, 0.3004, 0.2936 by changing the saturation by 10% instead.

■ 57.2852, 0.3004,
0.2936

■ 57.2852, 0.3004,
0.2936

■ 414.5171, 0.3065,
0.3103

■ 41.2343, 0.2989,
0.2897

■ 100.8812, 0.3026,
0.2995

■ 28.5022, 0.2970,
0.2849

■ 129.1951, 0.3034,
0.3017

■ 18.7046, 0.2946,
0.2786

■ 162.3654, 0.3041,
0.3037

■ 11.4570, 0.2912,
0.2704

■ 200.7765, 0.3047,
0.3053

■ 6.3751, 0.2864,
0.2590

■ 244.8128, 0.3052,
0.3068

■ 3.0745, 0.2789,
0.2423

■ 294.8588, 0.3057,

■ 1.1707, 0.2657,

0.3081

0.2153

351.2988, 0.3061,
0.3093

0.0376, 0.2164,
0.0283

0.0000, 0.0000,
0.0000

57.2852, 0.3004,
0.2936

57.2852, 0.3004,
0.2936

46.2099, 0.2898,
0.2653

70.0383, 0.3096,
0.3197

36.7333, 0.2776,
0.2353

84.5292, 0.3174,
0.3435

28.7808, 0.2642,
0.2044

96.5958, 0.3247,
0.3587

22.2689, 0.2497,
0.1738

98.2174, 0.3303,
0.3581

■ 17.1055, 0.2346,
0.1452

■ 13.1879, 0.2196,
0.1201

■ 10.3974, 0.2056,
0.1001

■ 8.5908, 0.1931,
0.0861

■ 7.8229, 0.1862,
0.0800

Harmonies

Analogous

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



57.2852, 0.2816, 0.2919



57.2852, 0.3004, 0.2936



57.2852, 0.3231, 0.3039

Triad

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



57.2852, 0.3004, 0.2936



57.2852, 0.3558, 0.3566



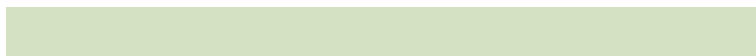
57.2852, 0.2823, 0.3370

Complementary

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



57.2852, 0.3004, 0.2936



71.7616, 0.3238, 0.3640

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.



57.2852, 0.3013, 0.3563



57.2852, 0.3004, 0.2936



57.2852, 0.3440, 0.3673

Square

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



57.2852, 0.3004, 0.2936



57.2852, 0.3558, 0.3394



57.2852, 0.3239, 0.3675



57.2852, 0.2715, 0.3161

Rectangle

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



57.2852, 0.3004, 0.2936



57.2852, 0.3375, 0.3144



57.2852, 0.3239, 0.3675



57.2852, 0.2879, 0.3439

Sweetspot

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



57.2876, 0.3004, 0.2936



92.5557, 0.3094, 0.3191



64.0446, 0.2913, 0.3140



19.5201, 0.3087, 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.



57.2876, 0.3004, 0.2936



70.9189, 0.2970, 0.2844



59.6238, 0.3123, 0.2949



13.5219, 0.3046, 0.3052



4.5722, 0.1878, 0.0808



0.3686, 0.2052, 0.0904

Inverse Universe

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



59.3547, 0.3240, 0.3090



74.2790, 0.3272, 0.3039



69.5725, 0.3128, 0.3652



13.8336, 0.3202, 0.3154



10.1908, 0.4609, 0.2313



0.7241, 0.4335, 0.2162

Previews

White Background



This preview shows how the Yxy color 57.2852, 0.3004, 0.2936 looks on a white background.

Color Contrast Check

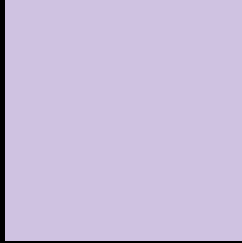
Large Text (above 18pt) WCAG AA × Fail

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 57.2852, 0.3004, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

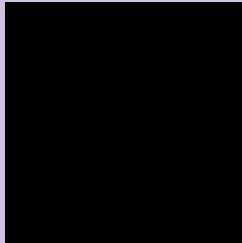
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2852, 0.3004, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 57.2852, 0.3004, 0.2936.



This preview shows how white text looks on a background with the Yxy color 57.2852, 0.3004, 0.2936.

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

57.2852, 0.3004, 0.2936

Protanopia

57.4036, 0.2895, 0.2951

Deuteranopia

57.2852, 0.3004, 0.2936



Tritanopia

57.2125, 0.3081, 0.3103

Trichromacy



Original Color

57.2852, 0.3004, 0.2936

Protanomaly

57.5656, 0.2938, 0.2954

Deuteranomaly

57.2852, 0.3004, 0.2936

Tritanomaly

57.1618, 0.3053, 0.3036

Monochromacy



Original Color

57.2852, 0.3004, 0.2936

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7378, 0.3079, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2852, 0.3004, 0.2936 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(207, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(207, 194, 225)  
}
```

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(207, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 194, 225) }
```

Border

The CSS property to change the border of an element to Yxy 57.2852, 0.3004, 0.2936 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(207, 194, 225) }
```

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

```
.border{ border-color:rgb(207, 194, 225) }
```

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

Here you see how a box with a 4 pixel rgb(207, 194, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 194, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 194, 225);  
box-shadow:4px 4px 4px 4px rgb(207, 194,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2852, 0.3004, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 194, 225) }
```

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

```
.background{ background-color: rgb(207,  
194, 225) }
```

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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