

Converting Colors

Yxy(57.6309, 0.2957, 0.2903)

Have a look what the booklet for
Yxy(57.6309, 0.2957, 0.2903)
contains.

| | |
|---|----|
| Yxy(57.5247, 0.2954, 0.2902) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(57.5247, 0.2954, 0.2902)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CCC3E5 |
| RGB | 204, 195, 229 |
| RGB Percent | 80%, 76%, 90% |
| CMY | 0.2001, 0.2353, 0.1020 |
| CMYK | 0.11, 0.15, 0.00, 0.10 |
| HSL | 256°, 40%, 83% |
| HSV | 256°, 15%, 90% |
| XYZ | 58.5555, 57.5247, 82.1442 |
| YIQ | 201.5670, -5.5500, 12.4820 |

Conversions

Conversions Part 2

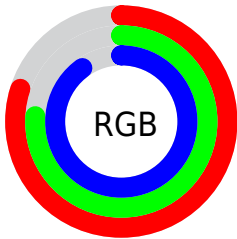
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 204, 195, 229 |
| Decimal | 13419493 |
| CIE Lab | 80.47, 9.61, -15.73 |
| CIE LCh | 80, 18.439, 301.421 |
| Yxy | 57.5247, 0.2954, 0.2902 |
| Android (android.graphics.Color) | 4291609573 (0xFFCCC3E5) |
| YUV | 201.5670, 13.5245, 2.1337 |
| Hunter-Lab | 75.8450, 5.0805, -11.1227 |

Details

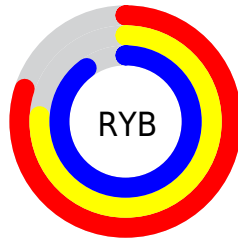
The Yxy color **57.5247, 0.2954, 0.2902** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.1986, 0.3284, 0.3665**, and the grayscale version is **58.6958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **28.5509, 0.2916, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **45.7852, 0.2816, 0.2608**, and if you desaturate by 10%, it is **71.1004, 0.3075, 0.3170**.

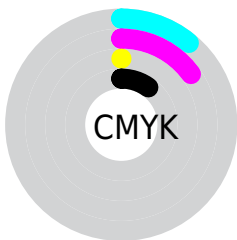
Distribution



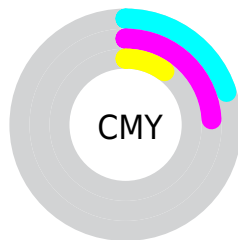
- Red (80%)
- Green (76%)
- Blue (90%)



- Red (80%)
- Yellow (76%)
- Blue (90%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5247, 0.2954, 0.2902 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 57.5247, 0.2954, 0.2902 by changing the saturation by 10% instead.

■ 57.5247, 0.2954,
0.2902

■ 57.5247, 0.2954,
0.2902

■ 415.4125, 0.3039,
0.3085

■ 41.4267, 0.2934,
0.2859

■ 101.2304, 0.2984,
0.2966

■ 28.6526, 0.2908,
0.2807

■ 129.6068, 0.2996,
0.2991

■ 18.8182, 0.2874,
0.2739

■ 162.8448, 0.3005,
0.3012

■ 11.5390, 0.2829,
0.2650

■ 201.3288, 0.3014,
0.3030

■ 6.4306, 0.2764,
0.2526

■ 245.4432, 0.3021,
0.3047

■ 3.1086, 0.2664,
0.2346

■ 295.5724, 0.3028,

■ 1.1887, 0.2493,

0.3061

0.2058

352.1007, 0.3033,
0.3074

0.0525, 0.1888,
0.0348

0.0000, 0.0000,
0.0000

57.5247, 0.2954,
0.2902

57.5247, 0.2954,
0.2902

45.7852, 0.2816,
0.2608

71.1004, 0.3075,
0.3170

35.7952, 0.2661,
0.2292

86.5799, 0.3179,
0.3410

27.4714, 0.2491,
0.1963

98.3516, 0.3277,
0.3542

20.7209, 0.2313,
0.1637

98.4371, 0.3280,
0.3542

■ 15.4416, 0.2134,
0.1331

■ 11.5188, 0.1965,
0.1067

■ 8.8204, 0.1816,
0.0863

■ 7.1857, 0.1698,
0.0729

■ 6.6316, 0.1649,
0.0682

Harmonies

Analogous

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



57.5247, 0.2767, 0.2902



57.5247, 0.2954, 0.2902



57.5247, 0.3194, 0.2996

Triad

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



57.5247, 0.2954, 0.2902



57.5247, 0.3598, 0.3555



57.5247, 0.2834, 0.3416

Complementary

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



57.5247, 0.2954, 0.2902



75.1986, 0.3284, 0.3665

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.



57.5247, 0.3048, 0.3612



57.5247, 0.2954, 0.2902



57.5247, 0.3492, 0.3686

Square

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



57.5247, 0.2954, 0.2902



57.5247, 0.3574, 0.3363



57.5247, 0.3289, 0.3712



57.5247, 0.2700, 0.3189

Rectangle

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



57.5247, 0.2954, 0.2902



57.5247, 0.3352, 0.3101



57.5247, 0.3289, 0.3712



57.5247, 0.2898, 0.3489

Sweetspot

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



57.5271, 0.2954, 0.2902



92.2676, 0.3084, 0.3191



68.7109, 0.2899, 0.3193



19.4473, 0.3075, 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.



57.5271, 0.2954, 0.2902



68.2760, 0.2911, 0.2809



59.9864, 0.3079, 0.2916



14.0702, 0.3021, 0.3050



3.8415, 0.1662, 0.0689



0.3281, 0.1811, 0.0771

Inverse Universe

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



60.8618, 0.3211, 0.3018



73.3741, 0.3232, 0.2956



72.7466, 0.3167, 0.3679



14.5469, 0.3178, 0.3119



11.1734, 0.4010, 0.1983



0.8408, 0.3867, 0.1904

Previews

White Background



This preview shows how the Yxy color 57.5247, 0.2954, 0.2902 looks on a white background.

Color Contrast Check

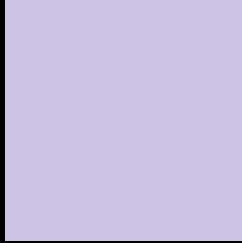
Large Text (above 18pt) WCAG AA × Fail

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 57.5247, 0.2954, 0.2902 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 57.5247, 0.2954, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 57.5247, 0.2954, 0.2902.



This preview shows how white text looks on a background with the Yxy color 57.5247, 0.2954, 0.2902.

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

57.5247, 0.2954, 0.2902

Protanopia

57.6270, 0.2869, 0.2907

Deuteranopia

57.6665, 0.2962, 0.2903



Tritanopia

57.6098, 0.3043, 0.3114

Trichromacy



Original Color

57.5247, 0.2954, 0.2902

Protanomaly

57.6514, 0.2904, 0.2910

Deuteranomaly

57.6665, 0.2962, 0.2903

Tritanomaly

57.6035, 0.3008, 0.3034

Monochromacy



Original Color

57.5247, 0.2954, 0.2902

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2968, 0.3065, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5247, 0.2954, 0.2902 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, 195, 229)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 229)  
}
```

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, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 229) }
```

Border

The CSS property to change the border of an element to Yxy 57.5247, 0.2954, 0.2902 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, 195, 229) }
```

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

```
.border{ border-color:rgb(204, 195, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 229);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5247, 0.2954, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 229) }
```

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

```
.background{ background-color: rgb(204,  
195, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor