

Converting Colors

$Yxy(55.0366, 0.3017, 0.3013)$

Have a look what the booklet for
Yxy(55.0366, 0.3017, 0.3013)
contains.

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Color

Yxy(54.9365, 0.3014, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	C8C0D8
RGB	200, 192, 216
RGB Percent	78%, 75%, 85%
CMY	0.2157, 0.2470, 0.1528
CMYK	0.07, 0.11, 0.00, 0.15
HSL	260°, 24%, 80%
HSV	260°, 11%, 85%
XYZ	55.0644, 54.9365, 72.6945
YIQ	197.1280, -2.9360, 9.1600

Conversions

Conversions Part 2

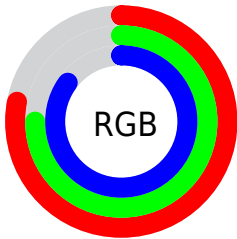
Format	Color
R _Y B	200, 192, 216
Decimal	13156568
CIE Lab	79.00, 7.32, -11.00
CIE LCh	79, 13.211, 303.628
Yxy	54.9365, 0.3014, 0.3007
Android (android.graphics.Color)	4291346648 (0xFFC8C0D8)
YUV	197.1280, 9.3039, 2.5187
Hunter-Lab	74.1192, 2.9022, -6.2670

Details

The Yxy color `54.9365, 0.3014, 0.3007` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `66.3579, 0.3232, 0.3568`, and the grayscale version is `55.8613, 0.3127, 0.3290`.

A 20% lighter version of the original color is `95.6148, 0.3130, 0.3223`, and `27.1494, 0.2986, 0.2945` is the 20% darker color. If you saturate the color by 10%, you get `44.2432, 0.2895, 0.2726`, and if you desaturate by 10%, it is `67.2147, 0.3117, 0.3263`.

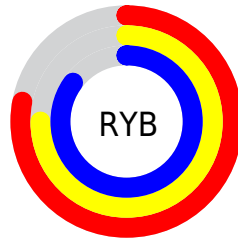
Distribution



Red (78%)

Green (75%)

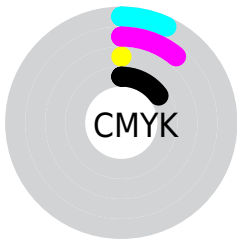
Blue (85%)



Red (78%)

Yellow (75%)

Blue (85%)

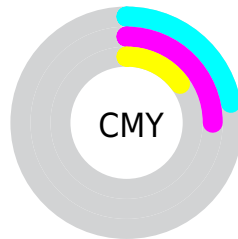


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (22%)


Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9365, 0.3014, 0.3007 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 54.9365, 0.3014, 0.3007 by changing the saturation by 10% instead.


 54.9365, 0.3014,
0.3007

 54.9365, 0.3014,
0.3007


405.6712, 0.3070,
0.3142

 39.3509, 0.3000,
0.2975


 97.4479, 0.3034,
0.3055

 27.0328, 0.2983,
0.2935


125.1425, 0.3042,
0.3073

 17.5979, 0.2960,
0.2883


157.6422, 0.3048,
0.3089

 10.6617, 0.2929,
0.2813

195.3314, 0.3054,
0.3103

 5.8398, 0.2884,
0.2715

238.5945, 0.3058,
0.3114

 2.7479, 0.2813,
0.2568

287.8159, 0.3063,

 1.0016, 0.2685,

0.3125

0.2320

343.3800, 0.3066,
0.3134

0.0000, 0.1022,
0.0000

0.0000, 0.0000,
0.0000

54.9365, 0.3014,
0.3007

54.9365, 0.3014,
0.3007

44.2432, 0.2895,
0.2726

67.2147, 0.3117,
0.3263

35.0621, 0.2761,
0.2424

81.1323, 0.3204,
0.3493

27.3252, 0.2611,
0.2107

95.5849, 0.3281,
0.3680

20.9568, 0.2450,
0.1788

97.7400, 0.3357,
0.3670

■ 15.8736, 0.2283,
0.1482

■ 11.9833, 0.2118,
0.1208

■ 9.1806, 0.1964,
0.0984

■ 7.3407, 0.1831,
0.0823

■ 6.3268, 0.1734,
0.0729

Harmonies

Analogous

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



54.9365, 0.2872, 0.3003



54.9365, 0.3014, 0.3007



54.9365, 0.3190, 0.3081

Triad

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



54.9365, 0.3014, 0.3007



54.9365, 0.3467, 0.3495



54.9365, 0.2904, 0.3370

Complementary

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



54.9365, 0.3014, 0.3007



66.3579, 0.3232, 0.3568

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.



54.9365, 0.3058, 0.3513



54.9365, 0.3014, 0.3007



54.9365, 0.3384, 0.3583

Square

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



54.9365, 0.3014, 0.3007



54.9365, 0.3455, 0.3357



54.9365, 0.3234, 0.3592



54.9365, 0.2810, 0.3208

Rectangle

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



54.9365, 0.3014, 0.3007



54.9365, 0.3303, 0.3161



54.9365, 0.3234, 0.3592



54.9365, 0.2950, 0.3423

Sweetspot

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



54.9388, 0.3014, 0.3007



94.2594, 0.3098, 0.3216



61.4889, 0.2956, 0.3200



19.8549, 0.3090, 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.



54.9388, 0.3014, 0.3007



76.6820, 0.2992, 0.2953



56.6045, 0.3105, 0.3015



12.2069, 0.3033, 0.3053



3.7960, 0.1749, 0.0737



0.2735, 0.1942, 0.0844

Inverse Universe

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



56.8640, 0.3200, 0.3107



79.9543, 0.3215, 0.3073



64.7300, 0.3146, 0.3575



12.5593, 0.3188, 0.3135



9.8591, 0.4261, 0.2121



0.6097, 0.4034, 0.1996

Previews

White Background



This preview shows how the Yxy color 54.9365, 0.3014, 0.3007 looks on a white background.

Color Contrast Check

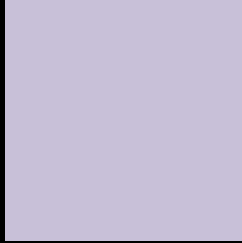
Large Text (above 18pt) WCAG AA × Fail

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 54.9365, 0.3014, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

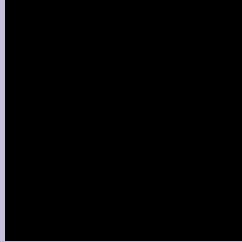
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9365, 0.3014, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 54.9365, 0.3014, 0.3007.



This preview shows how white text looks on a background with the Yxy color 54.9365, 0.3014, 0.3007.

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

54.9365, 0.3014, 0.3007

Protanopia

54.9308, 0.2954, 0.3016

Deuteranopia

54.7639, 0.3054, 0.2987



Tritanopia

54.8855, 0.3057, 0.3099

Trichromacy



Original Color

54.9365, 0.3014, 0.3007

Protanomaly

54.8854, 0.2977, 0.3005

Deuteranomaly

54.9160, 0.3038, 0.2998

Tritanomaly

55.0355, 0.3035, 0.3065

Monochromacy



Original Color

54.9365, 0.3014, 0.3007

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3956, 0.3085, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9365, 0.3014, 0.3007 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(200, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 192, 216) }
```

Border

The CSS property to change the border of an element to Yxy 54.9365, 0.3014, 0.3007 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(200, 192, 216) }
```

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

```
.border{ border-color:rgb(200, 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(200, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(200, 192,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9365, 0.3014, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 192, 216) }
```

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

```
.background{ background-color: rgb(200,  
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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