

Converting Colors

Yxy(54.9284, 0.3069, 0.2999)

Have a look what the booklet for
Yxy(54.9284, 0.3069, 0.2999)
contains.

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Color

Yxy(54.8550, 0.3069, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	CEBED7
RGB	206, 190, 215
RGB Percent	81%, 75%, 84%
CMY	0.1921, 0.2549, 0.1569
CMYK	0.04, 0.12, 0.00, 0.16
HSL	278°, 24%, 79%
HSV	278°, 12%, 84%
XYZ	56.1354, 54.8550, 71.9206
YIQ	197.6340, 1.5110, 11.1670

Conversions

Conversions Part 2

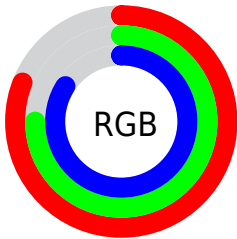
Format	Color
R _Y B	206, 190, 215
Decimal	13549271
CIE Lab	78.96, 10.20, -10.46
CIE LCh	79, 14.611, 314.294
Yxy	54.8550, 0.3069, 0.2999
Android (android.graphics.Color)	4291739351 (0xFFCEBED7)
YUV	197.6340, 8.5614, 7.3370
Hunter-Lab	74.0642, 5.6780, -5.7291

Details

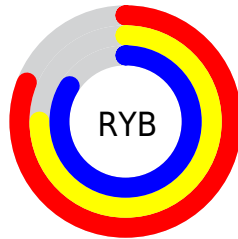
The Yxy color `54.8550, 0.3069, 0.2999` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `64.4609, 0.3179, 0.3586`, and the grayscale version is `56.1869, 0.3127, 0.3290`.

A 20% lighter version of the original color is `94.3915, 0.3131, 0.3204`, and `27.1048, 0.3058, 0.2935` is the 20% darker color. If you saturate the color by 10%, you get `45.1410, 0.3009, 0.2732`, and if you desaturate by 10%, it is `66.0019, 0.3120, 0.3251`.

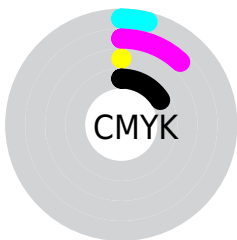
Distribution



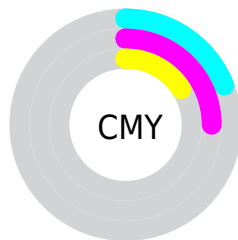
- Red (81%)
- Green (75%)
- Blue (84%)



- Red (81%)
- Yellow (75%)
- Blue (84%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)





- Cyan (19%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8550, 0.3069, 0.2999 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 54.8550, 0.3069, 0.2999 by changing the saturation by 10% instead.


 54.8550, 0.3069,
0.2999

 54.8550, 0.3069,
0.2999


405.3621, 0.3098,
0.3138

 39.2856, 0.3062,
0.2966


 97.3285, 0.3080,
0.3048

 26.9820, 0.3052,
0.2925


125.0014, 0.3084,
0.3067

 17.5597, 0.3040,
0.2872


157.4776, 0.3087,
0.3083

 10.6344, 0.3022,
0.2802

195.1415, 0.3090,
0.3097

 5.8215, 0.2996,
0.2702

238.3775, 0.3093,
0.3109

 2.7369, 0.2954,
0.2553

287.5700, 0.3095,

 0.9960, 0.2875,

0.3120

343.1034, 0.3097,
0.3129

0.2305

0.0000, 0.1871,
0.0000

0.0000, 0.0000,
0.0000

54.8550, 0.3069,
0.2999

54.8550, 0.3069,
0.2999

45.1410, 0.3009,
0.2732

66.0019, 0.3120,
0.3251

36.7923, 0.2939,
0.2454

78.6317, 0.3162,
0.3484

29.7460, 0.2860,
0.2173

92.8006, 0.3197,
0.3697

23.9315, 0.2773,
0.1901

94.4199, 0.3246,
0.3696

■ 19.2714, 0.2679,
0.1648

■ 95.7789, 0.3296,
0.3689

■ 15.6793, 0.2581,
0.1427

■ 97.1960, 0.3346,
0.3683

■ 13.0561, 0.2484,
0.1250

■ 97.6865, 0.3364,
0.3681

■ 11.2835, 0.2389,
0.1123

■ 10.2840, 0.2315,
0.1049

Harmonies

Analogous

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



54.8550, 0.2894, 0.2965



54.8550, 0.3069, 0.2999



54.8550, 0.3265, 0.3104

Triad

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



54.8550, 0.3069, 0.2999



54.8550, 0.3482, 0.3559



54.8550, 0.2834, 0.3314

Complementary

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



54.8550, 0.3069, 0.2999



64.4609, 0.3179, 0.3586

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.



54.8550, 0.2984, 0.3487



54.8550, 0.3069, 0.2999



54.8550, 0.3359, 0.3629

Square

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



54.8550, 0.3069, 0.2999



54.8550, 0.3508, 0.3421



54.8550, 0.3176, 0.3604



54.8550, 0.2761, 0.3140

Rectangle

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



54.8550, 0.3069, 0.2999



54.8550, 0.3380, 0.3202



54.8550, 0.3176, 0.3604



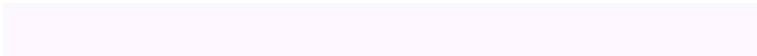
54.8550, 0.2877, 0.3375

Sweetspot

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



54.8573, 0.3069, 0.2999



94.6978, 0.3113, 0.3217



56.7780, 0.2946, 0.3100



19.9732, 0.3109, 0.3197



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.



54.8573, 0.3069, 0.2999



76.9460, 0.3055, 0.2933



56.0115, 0.3166, 0.3042



12.3991, 0.3081, 0.3056



6.2125, 0.2328, 0.1056



0.4206, 0.2481, 0.1140

Inverse Universe

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



55.3978, 0.3264, 0.3186



77.9137, 0.3298, 0.3163



63.4148, 0.3091, 0.3551



12.4939, 0.3235, 0.3206



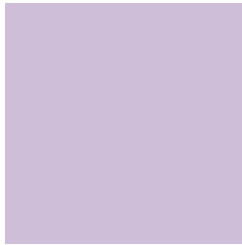
8.9827, 0.5526, 0.2818



0.5574, 0.5047, 0.2554

Previews

White Background



This preview shows how the Yxy color 54.8550, 0.3069, 0.2999 looks on a white background.

Color Contrast Check

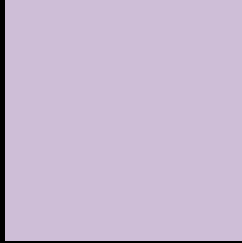
Large Text (above 18pt) WCAG AA × Fail

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 54.8550, 0.3069, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

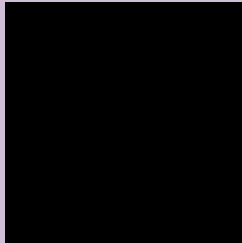
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8550, 0.3069, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 54.8550, 0.3069, 0.2999.



This preview shows how white text looks on a background with the Yxy color 54.8550, 0.3069, 0.2999.

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

54.8550, 0.3069, 0.2999

Protanopia

54.8520, 0.2940, 0.3004

Deuteranopia

54.8550, 0.3069, 0.2999



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.8550, 0.3069, 0.2999

Protanomaly

55.0200, 0.2984, 0.3006

Deuteranomaly

54.8550, 0.3069, 0.2999

Tritanomaly

54.8442, 0.3105, 0.3078

Monochromacy



Original Color

54.8550, 0.3069, 0.2999

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8074, 0.3108, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8550, 0.3069, 0.2999 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(206, 190, 215)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 215)  
}
```

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(206, 190, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.8550, 0.3069, 0.2999 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(206, 190, 215) }
```

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

```
.border{ border-color:rgb(206, 190, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 215);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8550, 0.3069, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 190, 215) }
```

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

```
.background{ background-color: rgb(206,  
190, 215) }
```

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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