

Converting Colors

Yxy(54.8442, 0.3105, 0.3078)

Have a look what the booklet for
Yxy(54.8442, 0.3105, 0.3078)
contains.

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Color

Yxy(54.8442, 0.3105, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	CDBFD1
RGB	205, 191, 209
RGB Percent	80%, 75%, 82%
CMY	0.1960, 0.2510, 0.1803
CMYK	0.02, 0.09, 0.00, 0.18
HSL	287°, 16%, 78%
HSV	287°, 9%, 82%
XYZ	55.3253, 54.8442, 68.0118
YIQ	197.2380, 2.5660, 8.5660

Conversions

Conversions Part 2

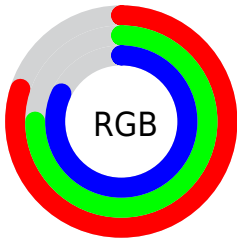
Format	Color
R_{YB}	205, 191, 209
Decimal	13483985
CIE _{Lab}	78.95, 8.20, -7.25
CIE _{LCh}	79, 10.951, 318.510
Yxy	54.8442, 0.3105, 0.3078
Android (android.graphics.Color)	4291674065 (0xFFCDBFD1)
YUV	197.2380, 5.7987, 6.8073
Hunter-Lab	74.0569, 3.7516, -2.6105

Details

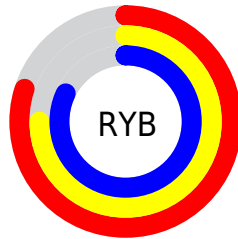
The Yxy color $54.8442, 0.3105, 0.3078$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.9793, 0.3147, 0.3507$, and the grayscale version is $55.9534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $27.1228, 0.3097, 0.3025$ is the 20% darker color. If you saturate the color by 10%, you get $45.7214, 0.3074, 0.2821$, and if you desaturate by 10%, it is $65.2924, 0.3130, 0.3323$.

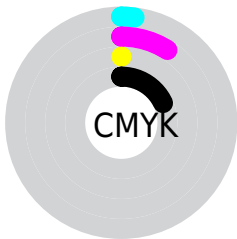
Distribution



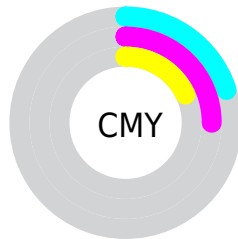
- Red (80%)
- Green (75%)
- Blue (82%)



- Red (80%)
- Yellow (75%)
- Blue (82%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8442, 0.3105, 0.3078 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 54.8442, 0.3105, 0.3078 by changing the saturation by 10% instead.

■ 54.8442, 0.3105,
0.3078

■ 54.8442, 0.3105,
0.3078

405.3211, 0.3116,
0.3180

■ 39.2770, 0.3102,
0.3054

■ 97.3126, 0.3109,
0.3114

■ 26.9753, 0.3098,
0.3024

124.9827, 0.3111,
0.3128

■ 17.5547, 0.3093,
0.2984

157.4558, 0.3112,
0.3140

■ 10.6307, 0.3086,
0.2931

195.1163, 0.3113,
0.3150

■ 5.8191, 0.3075,
0.2857

238.3488, 0.3114,
0.3159

■ 2.7354, 0.3057,
0.2743

287.5374, 0.3115,

■ 0.9952, 0.3021,

0.3167

0.2549

343.0667, 0.3116,
0.3173

0.0000, 0.1910,
0.0000

0.0000, 0.0000,
0.0000

54.8442, 0.3105,
0.3078

54.8442, 0.3105,
0.3078

45.7214, 0.3074,
0.2821

65.2924, 0.3130,
0.3323

37.8618, 0.3037,
0.2556

77.1107, 0.3151,
0.3551

31.2090, 0.2994,
0.2291

90.3503, 0.3167,
0.3762

25.6993, 0.2945,
0.2036

91.9050, 0.3195,
0.3770

21.2632, 0.2892,
0.1801

92.6542, 0.3225,
0.3766

17.8234, 0.2834,
0.1598

93.4237, 0.3254,
0.3762

15.2922, 0.2774,
0.1434

94.2138, 0.3284,
0.3757

13.5665, 0.2715,
0.1317

95.0245, 0.3315,
0.3753

12.4853, 0.2657,
0.1242

95.8560, 0.3345,
0.3748

Harmonies

Analogous

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



54.8442, 0.2968, 0.3045



54.8442, 0.3105, 0.3078



54.8442, 0.3251, 0.3164

Triad

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



54.8442, 0.3105, 0.3078



54.8442, 0.3384, 0.3504



54.8442, 0.2895, 0.3290

Complementary

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



54.8442, 0.3105, 0.3078



60.9793, 0.3147, 0.3507

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.



54.8442, 0.3002, 0.3421



54.8442, 0.3105, 0.3078



54.8442, 0.3284, 0.3545

Square

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



54.8442, 0.3105, 0.3078



54.8442, 0.3414, 0.3407



54.8442, 0.3144, 0.3515



54.8442, 0.2849, 0.3163

Rectangle

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



54.8442, 0.3105, 0.3078



54.8442, 0.3332, 0.3242



54.8442, 0.3144, 0.3515



54.8442, 0.2925, 0.3335

Sweetspot

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



54.8466, 0.3105, 0.3078



94.8954, 0.3120, 0.3217



54.8008, 0.2995, 0.3122



20.0266, 0.3118, 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.



54.8466, 0.3105, 0.3078



83.7386, 0.3101, 0.3041



55.1883, 0.3173, 0.3135



11.8713, 0.3103, 0.3058



7.6610, 0.2657, 0.1237



0.4618, 0.2763, 0.1296

Inverse Universe

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



54.7579, 0.3244, 0.3243



83.5829, 0.3267, 0.3235



60.6686, 0.3084, 0.3450



11.8506, 0.3256, 0.3239



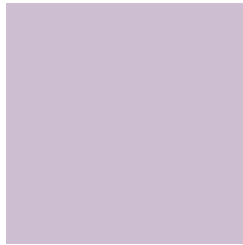
8.4935, 0.5999, 0.3078



0.4871, 0.5473, 0.2789

Previews

White Background



This preview shows how the Yxy color 54.8442, 0.3105, 0.3078 looks on a white background.

Color Contrast Check

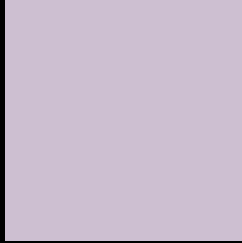
Large Text (above 18pt) WCAG AA × Fail

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 54.8442, 0.3105, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

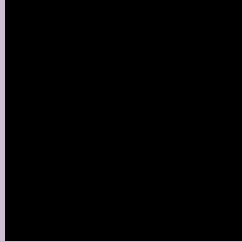
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8442, 0.3105, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 54.8442, 0.3105, 0.3078.



This preview shows how white text looks on a background with the Yxy color 54.8442, 0.3105, 0.3078.

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

54.8442, 0.3105, 0.3078

Protanopia

54.7561, 0.3004, 0.3086

Deuteranopia

54.8403, 0.3129, 0.3068



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.8442, 0.3105, 0.3078

Protanomaly

54.7988, 0.3042, 0.3087

Deuteranomaly

54.6958, 0.3121, 0.3068

Tritanomaly

54.7457, 0.3120, 0.3102

Monochromacy



Original Color

54.8442, 0.3105, 0.3078

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5266, 0.3123, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8442, 0.3105, 0.3078 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(205, 191, 209)` looks like.

```
.text, #text, p{  
    color:rgb(205, 191, 209)  
}
```

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(205, 191, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 191, 209) }
```

Border

The CSS property to change the border of an element to Yxy 54.8442, 0.3105, 0.3078 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(205, 191, 209) }
```

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

```
.border{ border-color:rgb(205, 191, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 191, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 191, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 191, 209);  
box-shadow:4px 4px 4px 4px rgb(205, 191,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8442, 0.3105, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 191, 209) }
```

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

```
.background{ background-color: rgb(205,  
191, 209) }
```

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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