

Converting Colors

$Y_{xy}(44.7063, 0.3151, 0.2783)$

Have a look what the booklet for
Yxy(44.7063, 0.3151, 0.2783)
contains.

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Color

Yxy(44.8742, 0.3151, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	D0A5D0
RGB	208, 165, 208
RGB Percent	82%, 65%, 82%
CMY	0.1844, 0.3529, 0.1844
CMYK	0.00, 0.21, 0.00, 0.18
HSL	300°, 31%, 73%
HSV	300°, 21%, 82%
XYZ	50.8445, 44.8742, 65.6412
YIQ	182.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

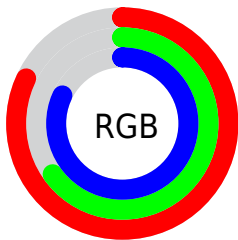
Format	Color
R _Y B	208, 165, 208
Decimal	13673936
CIE _{Lab}	72.81, 23.09, -15.84
CIE _{LCh}	73, 27.998, 325.557
Y _{xy}	44.8742, 0.3151, 0.2781
Android (android.graphics.Color)	4291864016 (0xFFD0A5D0)
Y _{UV}	182.7590, 12.4438, 22.1364
Hunter-Lab	66.9882, 18.2534, -11.2061

Details

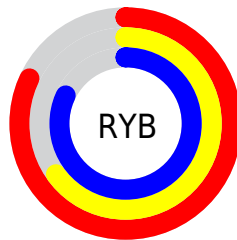
The Yxy color **44.8742, 0.3151, 0.2781** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.8200, 0.3101, 0.3858**, and the grayscale version is **47.1405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **20.9157, 0.3145, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **37.9723, 0.3163, 0.2534**, and if you desaturate by 10%, it is **53.0000, 0.3139, 0.3030**.

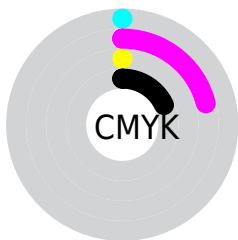
Distribution



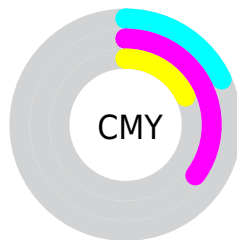
- Red (82%)
- Green (65%)
- Blue (82%)



- Red (82%)
- Yellow (65%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8742, 0.3151, 0.2781 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 44.8742, 0.3151, 0.2781 by changing the saturation by 10% instead.


 44.8742, 0.3151,
0.2781

 44.8742, 0.3151,
0.2781


366.2638, 0.3143,
0.3027

 31.3583, 0.3152,
0.2722


 82.5316, 0.3149,
0.2868

 20.8719, 0.3152,
0.2648

 107.4419, 0.3148,
0.2902

 13.0304, 0.3152,
0.2553


136.9192, 0.3147,
0.2930

 7.4495, 0.3149,
0.2424

171.3479, 0.3146,
0.2955

 3.7447, 0.3141,
0.2242

211.1123, 0.3145,
0.2976

 1.5318, 0.3119,
0.1967

256.5968, 0.3145,

 0.3110, 0.3182,

0.2995

0.1152

308.1858, 0.3144,
0.3012

0.0000, 0.0000,
0.0000

44.8742, 0.3151,
0.2781

44.8742, 0.3151,
0.2781

37.9723, 0.3163,
0.2534

53.0000, 0.3139,
0.3030

32.2296, 0.3174,
0.2297

62.3988, 0.3128,
0.3274

27.5843, 0.3184,
0.2081

73.1240, 0.3117,
0.3508

23.9664, 0.3192,
0.1894

85.2244, 0.3107,
0.3728

21.2981, 0.3199,
0.1745

89.4806, 0.3103,
0.3796

■ 19.4904, 0.3205,
0.1637

■ 89.4809, 0.3103,
0.3796

■ 18.4374, 0.3208,
0.1572

■ 89.4812, 0.3103,
0.3796

■ 17.9565, 0.3209,
0.1541

■ 89.4815, 0.3103,
0.3796

■ 89.4818, 0.3103,
0.3796

Harmonies

Analogous

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



44.8742, 0.2771, 0.2656



44.8742, 0.3151, 0.2781



44.8742, 0.3547, 0.3021

Triad

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



44.8742, 0.3151, 0.2781



44.8742, 0.3773, 0.3903



44.8742, 0.2465, 0.3183

Complementary

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



44.8742, 0.3151, 0.2781



55.8200, 0.3101, 0.3858

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.



44.8742, 0.2704, 0.3571



44.8742, 0.3151, 0.2781



44.8742, 0.3457, 0.4004

Square

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



44.8742, 0.3151, 0.2781



44.8742, 0.3917, 0.3649



44.8742, 0.3065, 0.3886



44.8742, 0.2395, 0.2860

Rectangle

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



44.8742, 0.3151, 0.2781



44.8742, 0.3758, 0.3223



44.8742, 0.3065, 0.3886



44.8742, 0.2527, 0.3311

Sweetspot

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



44.8762, 0.3151, 0.2781



90.6234, 0.3134, 0.3143



39.7306, 0.2785, 0.2732



19.1885, 0.3135, 0.3127



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.



44.8762, 0.3151, 0.2781



65.8495, 0.3156, 0.2666



43.9209, 0.3332, 0.3020



12.0090, 0.3138, 0.3061



11.1942, 0.3209, 0.1541



0.6259, 0.3209, 0.1541

Inverse Universe

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



43.0413, 0.3537, 0.3291



62.4036, 0.3658, 0.3292



56.6382, 0.2963, 0.3577



11.8083, 0.3291, 0.3290



8.3578, 0.6401, 0.3300



0.4673, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 44.8742, 0.3151, 0.2781 looks on a white background.

Color Contrast Check

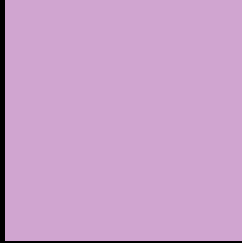
Large Text (above 18pt) WCAG AA × Fail

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 44.8742, 0.3151, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

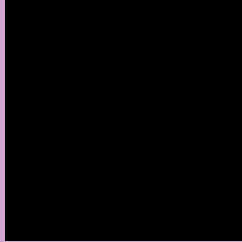
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8742, 0.3151, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 44.8742, 0.3151, 0.2781.



This preview shows how white text looks on a background with the Yxy color 44.8742, 0.3151, 0.2781.

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

44.8742, 0.3151, 0.2781

Protanopia

44.9482, 0.2777, 0.2793

Deuteranopia

44.7956, 0.2951, 0.2886



Tritanopia

45.0057, 0.3326, 0.3130

Trichromacy



Original Color

44.8742, 0.3151, 0.2781

Protanomaly

44.8816, 0.2906, 0.2792

Deuteranomaly

44.8373, 0.3018, 0.2845

Tritanomaly

44.7902, 0.3259, 0.2997

Monochromacy



Original Color

44.8742, 0.3151, 0.2781

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.0629, 0.3137, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8742, 0.3151, 0.2781 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(208, 165, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 165, 208)  
}
```

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(208, 165, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 165, 208) }
```

Border

The CSS property to change the border of an element to Yxy 44.8742, 0.3151, 0.2781 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(208, 165, 208) }
```

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

```
.border{ border-color:rgb(208, 165, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 165, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 165, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 165, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 165,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8742, 0.3151, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 165, 208) }
```

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

```
.background{ background-color: rgb(208,  
165, 208) }
```

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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