

Converting Colors

$Y_{xy}(44.2324, 0.2983, 0.2738)$

Have a look what the booklet for
Yxy(44.2324, 0.2983, 0.2738)
contains.

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Color

Yxy(44.2787, 0.2988, 0.2742)

Conversions

Conversions Part 1

Format	Color
Hex	C2A8D5
RGB	194, 168, 213
RGB Percent	76%, 66%, 84%
CMY	0.2394, 0.3411, 0.1647
CMYK	0.09, 0.21, 0.00, 0.16
HSL	275°, 35%, 75%
HSV	275°, 21%, 84%
XYZ	48.2512, 44.2787, 68.9533
YIQ	180.9040, 1.0510, 19.5070

Conversions

Conversions Part 2

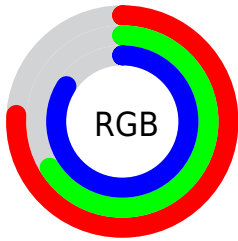
Format	Color
RYB	194, 168, 213
Decimal	12757205
CIELab	72.41, 17.77, -19.31
CIELCh	72, 26.242, 312.619
Yxy	44.2787, 0.2988, 0.2742
Android (android.graphics.Color)	4290947285 (0xFFC2A8D5)
YUV	180.9040, 15.8233, 11.4852
Hunter-Lab	66.5422, 12.9852, -14.8587

Details

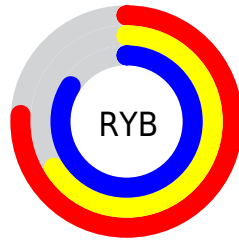
The Yxy color $44.2787, 0.2988, 0.2742$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $60.9901, 0.3242, 0.3848$, and the grayscale version is $46.0649, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5046, 0.3114, 0.2977$, and $20.5349, 0.2946, 0.2604$ is the 20% darker color. If you saturate the color by 10%, you get $35.8910, 0.2905, 0.2460$, and if you desaturate by 10%, it is $54.0308, 0.3060, 0.3011$.

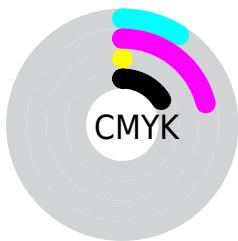
Distribution



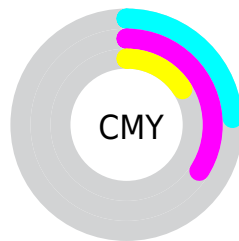
- Red (76%)
- Green (66%)
- Blue (84%)



- Red (76%)
- Yellow (66%)
- Blue (84%)



- Cyan (9%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2787, 0.2988, 0.2742 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 44.2787, 0.2988, 0.2742 by changing the saturation by 10% instead.

44.2787, 0.2988,
0.2742

44.2787, 0.2988,
0.2742

363.8444, 0.3061,
0.3008

30.8897, 0.2969,
0.2678

81.6370, 0.3015,
0.2837

20.5149, 0.2943,
0.2598

106.3750, 0.3026,
0.2873

12.7698, 0.2909,
0.2494

135.6648, 0.3034,
0.2903

7.2703, 0.2860,
0.2354

169.8908, 0.3041,
0.2930

3.6317, 0.2783,
0.2157

209.4373, 0.3047,
0.2953

1.4697, 0.2654,
0.1860

254.6888, 0.3053,

0.2673, 0.2486,

0.2973

0.0966

306.0297, 0.3057,
0.2991

0.0000, 0.0000,
0.0000

44.2787, 0.2988,
0.2742

44.2787, 0.2988,
0.2742

35.8910, 0.2905,
0.2460

54.0308, 0.3060,
0.3011

28.7981, 0.2811,
0.2171

65.2013, 0.3121,
0.3263

22.9328, 0.2707,
0.1888

77.8480, 0.3172,
0.3495

18.2192, 0.2597,
0.1622

92.0240, 0.3215,
0.3705

14.5728, 0.2482,
0.1387

94.6845, 0.3271,
0.3715

■ 11.8970, 0.2369,
0.1196

■ 96.2945, 0.3330,
0.3707

■ 10.0769, 0.2261,
0.1056

■ 97.5841, 0.3376,
0.3701

■ 8.9996, 0.2172,
0.0970

Harmonies

Analogous

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



44.2787, 0.2666, 0.2682



44.2787, 0.2988, 0.2742



44.2787, 0.3368, 0.2927

Triad

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



44.2787, 0.2988, 0.2742



44.2787, 0.3819, 0.3779



44.2787, 0.2582, 0.3347

Complementary

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



44.2787, 0.2988, 0.2742



60.9901, 0.3242, 0.3848

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.



44.2787, 0.2866, 0.3698



44.2787, 0.2988, 0.2742



44.2787, 0.3582, 0.3944

Square

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



44.2787, 0.2988, 0.2742



44.2787, 0.3864, 0.3505



44.2787, 0.3231, 0.3923



44.2787, 0.2443, 0.3004

Rectangle

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



44.2787, 0.2988, 0.2742



44.2787, 0.3600, 0.3102



44.2787, 0.3231, 0.3923



44.2787, 0.2663, 0.3470

Sweetspot

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



44.2806, 0.2988, 0.2742



89.4154, 0.3092, 0.3141



48.8900, 0.2792, 0.2965



18.9023, 0.3088, 0.3124



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.



44.2806, 0.2988, 0.2742



61.0848, 0.2955, 0.2626



46.8129, 0.3176, 0.2801



12.3586, 0.3071, 0.3055



5.5587, 0.2186, 0.0978



0.3835, 0.2358, 0.1073

Inverse Universe

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



45.7506, 0.3375, 0.3062



63.7058, 0.3437, 0.3015



58.8567, 0.3080, 0.3833



12.5072, 0.3225, 0.3192



9.1137, 0.5268, 0.2676



0.5660, 0.4826, 0.2432

Previews

White Background



This preview shows how the Yxy color 44.2787, 0.2988, 0.2742 looks on a white background.

Color Contrast Check

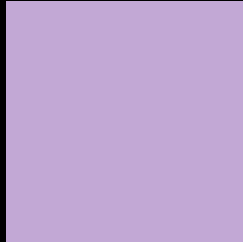
Large Text (above 18pt) WCAG AA × Fail

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 44.2787, 0.2988, 0.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

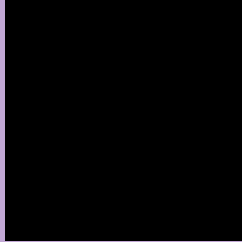
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2787, 0.2988, 0.2742

Background



This preview shows how black text looks on a background with the Yxy color 44.2787, 0.2988, 0.2742.



This preview shows how white text looks on a background with the Yxy color 44.2787, 0.2988, 0.2742.

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

44.2787, 0.2988, 0.2742

Protanopia

44.4375, 0.2748, 0.2754

Deuteranopia

44.4905, 0.2866, 0.2810



Tritanopia

44.3795, 0.3170, 0.3124

Trichromacy



Original Color

44.2787, 0.2988, 0.2742

Protanomaly

44.1921, 0.2828, 0.2749

Deuteranomaly

44.4489, 0.2913, 0.2791

Tritanomaly

44.1877, 0.3098, 0.2975

Monochromacy



Original Color

44.2787, 0.2988, 0.2742

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.3400, 0.3077, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2787, 0.2988, 0.2742 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(194, 168, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 213)  
}
```

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(194, 168, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 213) }
```

Border

The CSS property to change the border of an element to Yxy 44.2787, 0.2988, 0.2742 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(194, 168, 213) }
```

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

```
.border{ border-color:rgb(194, 168, 213) }
```

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

Here you see how a box with a 4 pixel rgb(194, 168, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2787, 0.2988, 0.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 213) }
```

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

```
.background{ background-color: rgb(194,  
168, 213) }
```

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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