

Converting Colors

Yxy(42.3616, 0.3114, 0.2602)

Have a look what the booklet for
Yxy(42.3616, 0.3114, 0.2602)
contains.

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Color

Yxy(42.3849, 0.3114, 0.2602)

Conversions

Conversions Part 1

Format	Color
Hex	D29CD7
RGB	210, 156, 215
RGB Percent	82%, 61%, 84%
CMY	0.1766, 0.3882, 0.1569
CMYK	0.02, 0.27, 0.00, 0.16
HSL	295°, 42%, 73%
HSV	295°, 27%, 84%
XYZ	50.7250, 42.3849, 69.7836
YIQ	178.8720, 13.2450, 29.7970

Conversions

Conversions Part 2

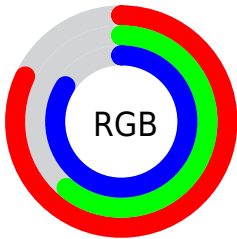
Format	Color
R_{YB}	210, 156, 215
Decimal	13802711
CIE Lab	71.14, 29.98, -22.20
CIE LCh	71, 37.310, 323.482
Yxy	42.3849, 0.3114, 0.2602
Android (android.graphics.Color)	4291992791 (0xFFD29CD7)
YUV	178.8720, 17.8111, 27.2993
Hunter-Lab	65.1037, 25.1455, -17.9794

Details

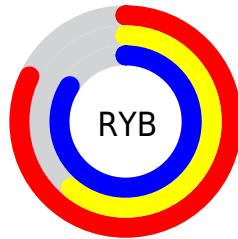
The Yxy color **42.3849, 0.3114, 0.2602** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.5712, 0.3126, 0.4068**, and the grayscale version is **44.9061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **19.4073, 0.3105, 0.2428** is the 20% darker color. If you saturate the color by 10%, you get **35.5317, 0.3105, 0.2351**, and if you desaturate by 10%, it is **50.5217, 0.3121, 0.2857**.

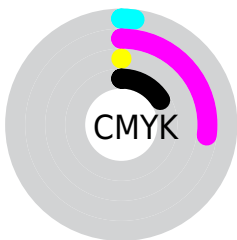
Distribution



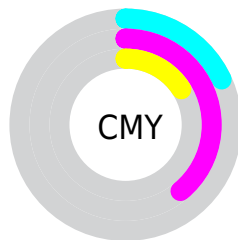
- Red (82%)
- Green (61%)
- Blue (84%)



- Red (82%)
- Yellow (61%)
- Blue (84%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (16%)




- Cyan (18%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3849, 0.3114, 0.2602 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 42.3849, 0.3114, 0.2602 by changing the saturation by 10% instead.


 42.3849, 0.3114,
0.2602


 42.3849, 0.3114,
0.2602


356.0760, 0.3128,
0.2932

 29.4028, 0.3108,
0.2524


 78.7818, 0.3121,
0.2719

 19.3857, 0.3100,
0.2427


 102.9654, 0.3123,
0.2763

 11.9493, 0.3088,
0.2301


131.6517, 0.3124,
0.2802

 6.7092, 0.3067,
0.2135

165.2249, 0.3125,
0.2835

 3.2809, 0.3030,
0.1905

204.0696, 0.3126,
0.2864

 1.2801, 0.2956,
0.1568

248.5701, 0.3127,

 0.1257, 0.2974,

0.2889

0.0439

299.1107, 0.3128,
0.2912

0.0000, 0.0000,
0.0000

42.3849, 0.3114,
0.2602

42.3849, 0.3114,
0.2602

35.5317, 0.3105,
0.2351

50.5217, 0.3121,
0.2857

29.8893, 0.3093,
0.2115

59.9989, 0.3125,
0.3109

25.3860, 0.3078,
0.1902


70.8767, 0.3128,
0.3351

21.9403, 0.3061,
0.1722


83.2100, 0.3128,
0.3580

19.4599, 0.3042,
0.1583


91.5007, 0.3133,
0.3710


 17.8366, 0.3021,
0.1488

 91.7854, 0.3144,
0.3709

 16.9233, 0.3000,
0.1434

 92.0733, 0.3156,
0.3707

 16.7398, 0.2995,
0.1423

 92.3642, 0.3167,
0.3706

 92.6583, 0.3179,
0.3704

Harmonies

Analogous

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



42.3849, 0.2615, 0.2449



42.3849, 0.3114, 0.2602



42.3849, 0.3660, 0.2903

Triad

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



42.3849, 0.3114, 0.2602



42.3849, 0.4015, 0.4084



42.3849, 0.2259, 0.3166

Complementary

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



42.3849, 0.3114, 0.2602



58.5712, 0.3126, 0.4068

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.



42.3849, 0.2582, 0.3710



42.3849, 0.3114, 0.2602



42.3849, 0.3593, 0.4267

Square

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



42.3849, 0.3114, 0.2602



42.3849, 0.4202, 0.3721



42.3849, 0.3067, 0.4142



42.3849, 0.2156, 0.2724

Rectangle

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



42.3849, 0.3114, 0.2602



42.3849, 0.3962, 0.3161



42.3849, 0.3067, 0.4142



42.3849, 0.2344, 0.3345

Sweetspot

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



42.3867, 0.3114, 0.2602



87.3410, 0.3125, 0.3093



37.7859, 0.2660, 0.2585



18.2174, 0.3124, 0.3055



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.



42.3867, 0.3114, 0.2602



56.2197, 0.3109, 0.2453



42.0064, 0.3372, 0.2869



12.5766, 0.3124, 0.3059



10.0374, 0.2998, 0.1425



0.6215, 0.3037, 0.1447

Inverse Universe

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



40.8014, 0.3669, 0.3230



53.5432, 0.3834, 0.3217



58.9398, 0.2942, 0.3753



12.4377, 0.3278, 0.3271



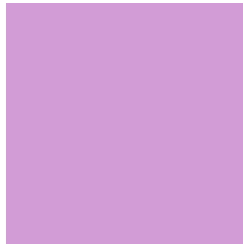
8.6742, 0.6300, 0.3244



0.5293, 0.6017, 0.3088

Previews

White Background



This preview shows how the Yxy color 42.3849, 0.3114, 0.2602 looks on a white background.

Color Contrast Check

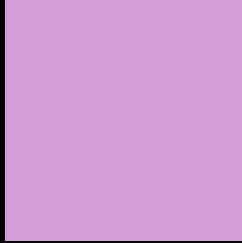
Large Text (above 18pt) WCAG AA × Fail

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 42.3849, 0.3114, 0.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

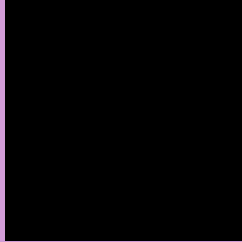
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3849, 0.3114, 0.2602

Background



This preview shows how black text looks on a background with the Yxy color 42.3849, 0.3114, 0.2602.



This preview shows how white text looks on a background with the Yxy color 42.3849, 0.3114, 0.2602.

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

42.3849, 0.3114, 0.2602

Protanopia

42.5247, 0.2625, 0.2589

Deuteranopia

42.6499, 0.2816, 0.2763



Tritanopia

42.3081, 0.3410, 0.3129

Trichromacy



Original Color

42.3849, 0.3114, 0.2602

Protanomaly

42.0651, 0.2781, 0.2582

Deuteranomaly

42.5156, 0.2921, 0.2705

Tritanomaly

42.1247, 0.3304, 0.2924

Monochromacy



Original Color

42.3849, 0.3114, 0.2602

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.8787, 0.3122, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3849, 0.3114, 0.2602 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(210, 156, 215)` looks like.

```
.text, #text, p{  
    color:rgb(210, 156, 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(210, 156, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 156, 215) }
```

Border

The CSS property to change the border of an element to Yxy 42.3849, 0.3114, 0.2602 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(210, 156, 215) }
```

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

```
.border{ border-color:rgb(210, 156, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 156, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 156, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 156, 215);  
box-shadow:4px 4px 4px 4px rgb(210, 156,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3849, 0.3114, 0.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 156, 215) }
```

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

```
.background{ background-color: rgb(210,  
156, 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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