

Converting Colors

Yxy(39.5914, 0.3193, 0.2607)

Have a look what the booklet for
Yxy(39.5914, 0.3193, 0.2607)
contains.

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Color

Yxy(39.6528, 0.3197, 0.2615)

Conversions

Conversions Part 1

Format	Color
Hex	D295CE
RGB	210, 149, 206
RGB Percent	82%, 58%, 81%
CMY	0.1763, 0.4158, 0.1921
CMYK	0.00, 0.29, 0.02, 0.18
HSL	304°, 40%, 70%
HSV	304°, 29%, 82%
XYZ	48.4780, 39.6528, 63.5051
YIQ	173.7370, 18.0590, 30.6590

Conversions

Conversions Part 2

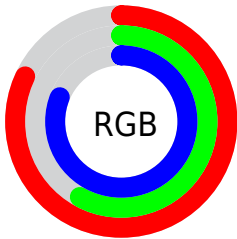
Format	Color
R _Y B	210, 149, 206
Decimal	13800910
CIE Lab	69.22, 32.16, -20.17
CIE LCh	69, 37.957, 327.905
Yxy	39.6528, 0.3197, 0.2615
Android (android.graphics.Color)	4291990990 (0xFFD295CE)
YUV	173.7370, 15.9057, 31.8027
Hunter-Lab	62.9705, 27.2205, -15.7141

Details

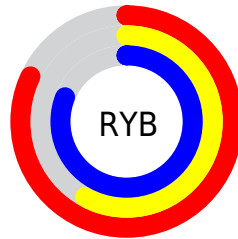
The Yxy color **39.6528, 0.3197, 0.2615** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.8038, 0.3062, 0.4073**, and the grayscale version is **42.0975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6657, 0.3151, 0.2792**, and **17.7849, 0.3207, 0.2431** is the 20% darker color. If you saturate the color by 10%, you get **33.5309, 0.3225, 0.2388**, and if you desaturate by 10%, it is **46.9773, 0.3171, 0.2850**.

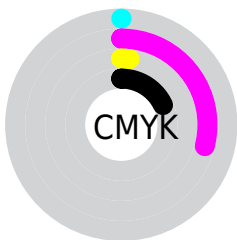
Distribution



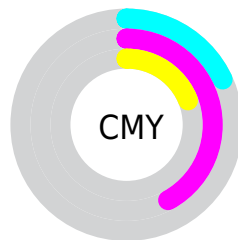
- Red (82%)
- Green (58%)
- Blue (81%)



- Red (82%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6528, 0.3197, 0.2615 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 39.6528, 0.3197, 0.2615 by changing the saturation by 10% instead.

 39.6528, 0.3197,
0.2615


 39.6528, 0.3197,
0.2615

344.6580, 0.3169,
0.2942

 27.2679, 0.3202,
0.2537


 74.6345, 0.3188,
0.2731

 17.7746, 0.3207,
0.2438


 98.0002, 0.3185,
0.2776

 10.7883, 0.3212,
0.2311


125.7949, 0.3181,
0.2814

 5.9246, 0.3215,
0.2140

158.4030, 0.3178,
0.2846

 2.7993, 0.3212,
0.1899

196.2090, 0.3176,
0.2875

 1.0279, 0.3190,
0.1543

239.5972, 0.3173,


 0.0000, 0.3407,


0.2900


0.0000

288.9521, 0.3171,
0.2922


 0.0000, 0.0000,
0.0000


 39.6528, 0.3197,
0.2615


 39.6528, 0.3197,
0.2615


 33.5309, 0.3225,
0.2388


 46.9773, 0.3171,
0.2850


 28.5418, 0.3253,
0.2177


 55.5587, 0.3147,
0.3083

 24.6169, 0.3282,
0.1992

 65.4545, 0.3125,
0.3311

 21.6776, 0.3310,
0.1842

 76.7170, 0.3106,
0.3527

 19.6349, 0.3336,
0.1732

 89.3957, 0.3089,
0.3730

■ 18.3836, 0.3360,
0.1667

■ 90.1002, 0.3081,
0.3724

■ 17.7515, 0.3381,
0.1639

■ 90.1713, 0.3073,
0.3709

■ 17.7034, 0.3383,
0.1637

■ 90.2431, 0.3065,
0.3694

■ 90.3155, 0.3058,
0.3679

Harmonies

Analogous

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



39.6528, 0.2663, 0.2431



39.6528, 0.3197, 0.2615



39.6528, 0.3758, 0.2944

Triad

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



39.6528, 0.3197, 0.2615



39.6528, 0.3996, 0.4157



39.6528, 0.2197, 0.3080

Complementary

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



39.6528, 0.3197, 0.2615



54.8038, 0.3062, 0.4073

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.



39.6528, 0.2498, 0.3645



39.6528, 0.3197, 0.2615



39.6528, 0.3531, 0.4311

Square

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



39.6528, 0.3197, 0.2615



39.6528, 0.4235, 0.3795



39.6528, 0.2982, 0.4130



39.6528, 0.2126, 0.2650

Rectangle

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



39.6528, 0.3197, 0.2615



39.6528, 0.4051, 0.3217



39.6528, 0.2982, 0.4130



39.6528, 0.2272, 0.3261

Sweetspot

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



39.6545, 0.3197, 0.2615



86.1244, 0.3147, 0.3083



32.8229, 0.2644, 0.2456



17.9883, 0.3150, 0.3049



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.



39.6545, 0.3197, 0.2615



55.2886, 0.3214, 0.2470



38.3501, 0.3481, 0.2952



11.9950, 0.3148, 0.3076



10.7993, 0.3380, 0.1636



0.6080, 0.3346, 0.1617

Inverse Universe

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



39.6545, 0.3197, 0.2615



55.2886, 0.3214, 0.2470



55.9047, 0.2875, 0.3656



11.9950, 0.3148, 0.3076



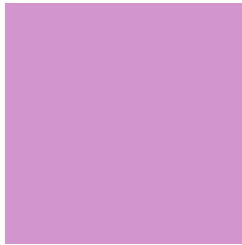
10.7993, 0.3380, 0.1636



0.6080, 0.3346, 0.1617

Previews

White Background



This preview shows how the Yxy color 39.6528, 0.3197, 0.2615 looks on a white background.

Color Contrast Check

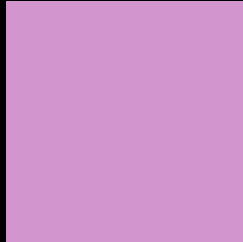
Large Text (above 18pt) WCAG AA × Fail

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 39.6528, 0.3197, 0.2615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

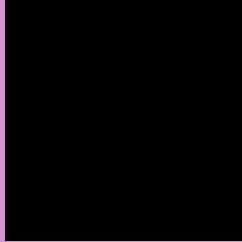
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6528, 0.3197, 0.2615

Background



This preview shows how black text looks on a background with the Yxy color 39.6528, 0.3197, 0.2615.



This preview shows how white text looks on a background with the Yxy color 39.6528, 0.3197, 0.2615.

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

39.6528, 0.3197, 0.2615

Protanopia

39.8198, 0.2640, 0.2607

Deuteranopia

39.6571, 0.2854, 0.2787



Tritanopia

39.5832, 0.3501, 0.3140

Trichromacy



Original Color

39.6528, 0.3197, 0.2615

Protanomaly

39.2268, 0.2826, 0.2602

Deuteranomaly

39.3463, 0.2973, 0.2716

Tritanomaly

39.4253, 0.3389, 0.2932

Monochromacy



Original Color

39.6528, 0.3197, 0.2615

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.0202, 0.3149, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6528, 0.3197, 0.2615 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, 149, 206)` looks like.

```
.text, #text, p{  
    color:rgb(210, 149, 206)  
}
```

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, 149, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 149, 206) }
```

Border

The CSS property to change the border of an element to Yxy 39.6528, 0.3197, 0.2615 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, 149, 206) }
```

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

```
.border{ border-color:rgb(210, 149, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 149, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 149, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 149, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 149,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6528, 0.3197, 0.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 149, 206) }
```

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

```
.background{ background-color: rgb(210,  
149, 206) }
```

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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