

Converting Colors

$Y_{xy}(39.6703, 0.3215, 0.2748)$

Have a look what the booklet for
Yxy(39.6703, 0.3215, 0.2748)
contains.

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Color

Yxy(39.6511, 0.3219, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	CC99C5
RGB	204, 153, 197
RGB Percent	80%, 60%, 77%
CMY	0.1999, 0.4000, 0.2273
CMYK	0.00, 0.25, 0.03, 0.20
HSL	308°, 33%, 70%
HSV	308°, 25%, 80%
XYZ	46.3797, 39.6511, 58.0502
YIQ	173.2650, 16.2720, 24.4960

Conversions

Conversions Part 2

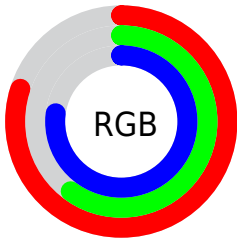
Format	Color
R _Y B	204, 153, 197
Decimal	13408709
CIE Lab	69.22, 26.31, -15.24
CIE LCh	69, 30.407, 329.918
Yxy	39.6511, 0.3219, 0.2752
Android (android.graphics.Color)	4291598789 (0xFFCC99C5)
YUV	173.2650, 11.7014, 26.9546
Hunter-Lab	62.9691, 21.2776, -10.5801

Details

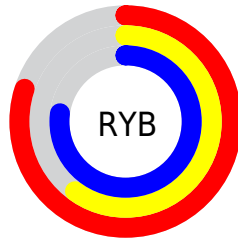
The Yxy color **39.6511, 0.3219, 0.2752** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.5086, 0.3047, 0.3895**, and the grayscale version is **41.8665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5275, 0.3156, 0.2840**, and **17.6801, 0.3240, 0.2603** is the 20% darker color. If you saturate the color by 10%, you get **33.4088, 0.3264, 0.2535**, and if you desaturate by 10%, it is **47.0411, 0.3179, 0.2971**.

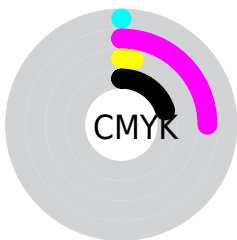
Distribution



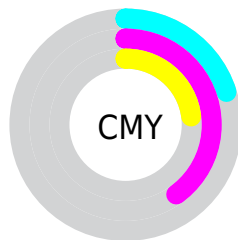
- Red (80%)
- Green (60%)
- Blue (77%)



- Red (80%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6511, 0.3219, 0.2752 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 39.6511, 0.3219, 0.2752 by changing the saturation by 10% instead.

 39.6511, 0.3219,
0.2752


 39.6511, 0.3219,
0.2752


344.6508, 0.3177,
0.3016

 27.2666, 0.3228,
0.2688


 74.6319, 0.3205,
0.2847

 17.7736, 0.3239,
0.2606


 97.9971, 0.3199,
0.2883

 10.7875, 0.3253,
0.2499


125.7912, 0.3194,
0.2913

 5.9242, 0.3270,
0.2353

158.3987, 0.3190,
0.2940

 2.7990, 0.3290,
0.2143

196.2041, 0.3186,
0.2963

 1.0277, 0.3309,
0.1817

239.5916, 0.3183,

 0.0000, 0.3657,

0.2983

0.0000

288.9457, 0.3180,
0.3000

0.0000, 0.0000,
0.0000

39.6511, 0.3219,
0.2752

39.6511, 0.3219,
0.2752

33.4088, 0.3264,
0.2535

47.0411, 0.3179,
0.2971

28.2510, 0.3312,
0.2329

55.6276, 0.3143,
0.3185

24.1161, 0.3363,
0.2142

65.4629, 0.3112,
0.3391

20.9345, 0.3416,
0.1985

76.5945, 0.3085,
0.3585

18.6276, 0.3469,
0.1865

89.0657, 0.3062,
0.3766

■ 17.1045, 0.3520,
0.1789

■ 89.2073, 0.3047,
0.3735

■ 16.2545, 0.3568,
0.1758

■ 89.3513, 0.3032,
0.3703

■ 15.9783, 0.3592,
0.1752

■ 89.4978, 0.3016,
0.3672

■ 89.6468, 0.3001,
0.3641

Harmonies

Analogous

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



39.6511, 0.2781, 0.2591



39.6511, 0.3219, 0.2752



39.6511, 0.3660, 0.3034

Triad

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



39.6511, 0.3219, 0.2752



39.6511, 0.3813, 0.4010



39.6511, 0.2359, 0.3103

Complementary

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



39.6511, 0.3219, 0.2752



52.5086, 0.3047, 0.3895

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.



39.6511, 0.2600, 0.3544



39.6511, 0.3219, 0.2752



39.6511, 0.3434, 0.4100

Square

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



39.6511, 0.3219, 0.2752



39.6511, 0.4012, 0.3737



39.6511, 0.2989, 0.3930



39.6511, 0.2311, 0.2761

Rectangle

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



39.6511, 0.3219, 0.2752



39.6511, 0.3884, 0.3263



39.6511, 0.2989, 0.3930



39.6511, 0.2419, 0.3246

Sweetspot

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



39.6528, 0.3219, 0.2752



87.4890, 0.3154, 0.3120



34.5921, 0.2758, 0.2597



18.2550, 0.3159, 0.3087



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.



39.6528, 0.3219, 0.2752



59.8628, 0.3242, 0.2635



38.5874, 0.3461, 0.3055



11.3763, 0.3158, 0.3092



10.0638, 0.3585, 0.1749



0.5267, 0.3501, 0.1702

Inverse Universe

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



39.6528, 0.3219, 0.2752



59.8628, 0.3242, 0.2635



53.4871, 0.2880, 0.3539



11.3763, 0.3158, 0.3092



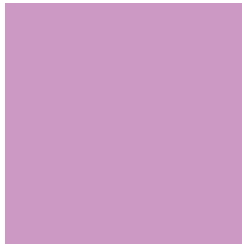
10.0638, 0.3585, 0.1749



0.5267, 0.3501, 0.1702

Previews

White Background



This preview shows how the Yxy color 39.6511, 0.3219, 0.2752 looks on a white background.

Color Contrast Check

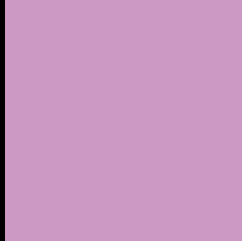
Large Text (above 18pt) WCAG AA × Fail

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 39.6511, 0.3219, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

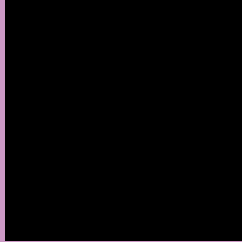
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6511, 0.3219, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 39.6511, 0.3219, 0.2752.



This preview shows how white text looks on a background with the Yxy color 39.6511, 0.3219, 0.2752.

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

39.6511, 0.3219, 0.2752

Protanopia

39.9838, 0.2754, 0.2769

Deuteranopia

39.8491, 0.2958, 0.2892



Tritanopia

39.6354, 0.3428, 0.3137

Trichromacy



Original Color

39.6511, 0.3219, 0.2752

Protanomaly

39.7363, 0.2912, 0.2769

Deuteranomaly

39.7895, 0.3048, 0.2839

Tritanomaly

39.4897, 0.3345, 0.2988

Monochromacy



Original Color

39.6511, 0.3219, 0.2752

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8402, 0.3155, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6511, 0.3219, 0.2752 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(204, 153, 197)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 197)  
}
```

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(204, 153, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 197) }
```

Border

The CSS property to change the border of an element to Yxy 39.6511, 0.3219, 0.2752 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(204, 153, 197) }
```

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

```
.border{ border-color:rgb(204, 153, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6511, 0.3219, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 197) }
```

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

```
.background{ background-color: rgb(204,  
153, 197) }
```

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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