

Converting Colors

Yxy(39.5385, 0.3211, 0.2716)

Have a look what the booklet for
Yxy(39.5385, 0.3211, 0.2716)
contains.

Yxy(39.5591, 0.3211, 0.2719)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.5591, 0.3211, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	CD98C7
RGB	205, 152, 199
RGB Percent	80%, 60%, 78%
CMY	0.1960, 0.4039, 0.2195
CMYK	0.00, 0.26, 0.03, 0.20
HSL	307°, 35%, 70%
HSV	307°, 26%, 80%
XYZ	46.7173, 39.5591, 59.2150
YIQ	173.2050, 16.5010, 25.8530

Conversions

Conversions Part 2

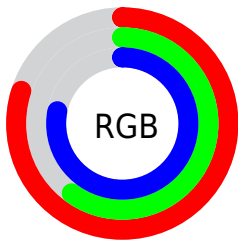
Format	Color
R _Y B	205, 152, 199
Decimal	13473991
CIE Lab	69.15, 27.55, -16.43
CIE LCh	69, 32.077, 329.185
Yxy	39.5591, 0.3211, 0.2719
Android (android.graphics.Color)	4291664071 (0xFFCD98C7)
YUV	173.2050, 12.7169, 27.8842
Hunter-Lab	62.8960, 22.5164, -11.7928

Details

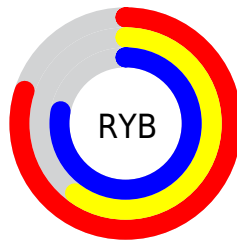
The Yxy color **39.5591, 0.3211, 0.2719** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.8117, 0.3053, 0.3937**, and the grayscale version is **41.8282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1056, 0.3149, 0.2821**, and **17.6427, 0.3228, 0.2560** is the 20% darker color. If you saturate the color by 10%, you get **33.3645, 0.3250, 0.2498**, and if you desaturate by 10%, it is **46.9090, 0.3176, 0.2943**.

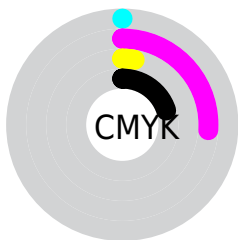
Distribution



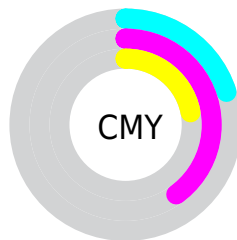
- Red (80%)
- Green (60%)
- Blue (78%)



- Red (80%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (26%)
- Yellow (3%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5591, 0.3211, 0.2719 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 39.5591, 0.3211, 0.2719 by changing the saturation by 10% instead.


 39.5591, 0.3211,
0.2719


 39.5591, 0.3211,
0.2719


344.2617, 0.3174,
0.2999

 27.1949, 0.3219,
0.2651


 74.4917, 0.3198,
0.2819

 17.7197, 0.3228,
0.2565


 97.8289, 0.3193,
0.2857

 10.7489, 0.3239,
0.2453


125.5925, 0.3189,
0.2890

 5.8983, 0.3252,
0.2300

158.1671, 0.3185,
0.2918

 2.7833, 0.3265,
0.2081

195.9368, 0.3182,
0.2942

 1.0197, 0.3272,
0.1745

239.2863, 0.3179,


 0.0000, 0.3574,


0.2963

0.0000


288.5998, 0.3176,
0.2982


 0.0000, 0.0000,
0.0000


 39.5591, 0.3211,
0.2719


 39.5591, 0.3211,
0.2719


 33.3645, 0.3250,
0.2498

 46.9090, 0.3176,
0.2943

 28.2608, 0.3292,
0.2289

 55.4638, 0.3144,
0.3164


 24.1852, 0.3335,
0.2101

 65.2768, 0.3116,
0.3377

 21.0666, 0.3380,
0.1943

 76.3963, 0.3092,
0.3577

 18.8247, 0.3423,
0.1825

 88.8681, 0.3071,
0.3765

■ 17.3662, 0.3465,
0.1750

■ 89.3012, 0.3058,
0.3744

■ 16.5750, 0.3503,
0.1718

■ 89.4197, 0.3045,
0.3718

■ 16.3509, 0.3519,
0.1712

■ 89.5400, 0.3032,
0.3692

■ 89.6619, 0.3020,
0.3666

Harmonies

Analogous

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



39.5591, 0.2751, 0.2554



39.5591, 0.3211, 0.2719



39.5591, 0.3680, 0.3011

Triad

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



39.5591, 0.3211, 0.2719



39.5591, 0.3857, 0.4042



39.5591, 0.2323, 0.3101

Complementary

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



39.5591, 0.3211, 0.2719



52.8117, 0.3053, 0.3937

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.



39.5591, 0.2579, 0.3570



39.5591, 0.3211, 0.2719



39.5591, 0.3459, 0.4147

Square

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



39.5591, 0.3211, 0.2719



39.5591, 0.4063, 0.3749



39.5591, 0.2991, 0.3977



39.5591, 0.2268, 0.2738

Rectangle

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



39.5591, 0.3211, 0.2719



39.5591, 0.3919, 0.3250



39.5591, 0.2991, 0.3977



39.5591, 0.2387, 0.3252

Sweetspot

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



39.5608, 0.3211, 0.2719



87.5201, 0.3151, 0.3115



34.0624, 0.2729, 0.2567



18.2629, 0.3155, 0.3082



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.



39.5608, 0.3211, 0.2719



58.9485, 0.3232, 0.2596



38.4616, 0.3457, 0.3024



11.3810, 0.3155, 0.3087



10.1867, 0.3514, 0.1709



0.5319, 0.3447, 0.1672

Inverse Universe

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



39.5608, 0.3211, 0.2719



58.9485, 0.3232, 0.2596



53.7959, 0.2884, 0.3573



11.3810, 0.3155, 0.3087



10.1867, 0.3514, 0.1709



0.5319, 0.3447, 0.1672

Previews

White Background



This preview shows how the Yxy color 39.5591, 0.3211, 0.2719 looks on a white background.

Color Contrast Check

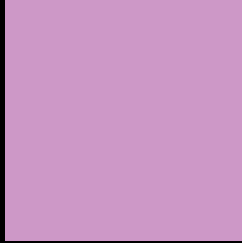
Large Text (above 18pt) WCAG AA × Fail

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 39.5591, 0.3211, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

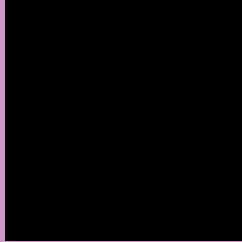
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5591, 0.3211, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 39.5591, 0.3211, 0.2719.



This preview shows how white text looks on a background with the Yxy color 39.5591, 0.3211, 0.2719.

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

39.5591, 0.3211, 0.2719

Protanopia

39.6615, 0.2724, 0.2718

Deuteranopia

39.7121, 0.2925, 0.2865



Tritanopia

39.4337, 0.3439, 0.3125

Trichromacy



Original Color

39.5591, 0.3211, 0.2719

Protanomaly

39.5270, 0.2888, 0.2720

Deuteranomaly

39.4092, 0.3022, 0.2800

Tritanomaly

39.3354, 0.3347, 0.2964

Monochromacy



Original Color

39.5591, 0.3211, 0.2719

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6020, 0.3165, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5591, 0.3211, 0.2719 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(205, 152, 199)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 199)  
}
```

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(205, 152, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 199) }
```

Border

The CSS property to change the border of an element to Yxy 39.5591, 0.3211, 0.2719 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(205, 152, 199) }
```

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

```
.border{ border-color:rgb(205, 152, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 152, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 152, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 152, 199); box-shadow:4px 4px 4px 4px rgb(205, 152, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5591, 0.3211, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 152, 199) }
```

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

```
.background{ background-color: rgb(205,  
152, 199) }
```

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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