

Converting Colors

$Yxy(39.2195, 0.2898, 0.2753)$

Have a look what the booklet for
Yxy(39.2195, 0.2898, 0.2753)
contains.

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Color

Yxy(39.2664, 0.2903, 0.2755)

Conversions

Conversions Part 1

Format	Color
Hex	AFA2CB
RGB	175, 162, 203
RGB Percent	69%, 64%, 80%
CMY	0.3137, 0.3647, 0.2040
CMYK	0.14, 0.20, 0.00, 0.20
HSL	259°, 28%, 72%
HSV	259°, 20%, 80%
XYZ	41.3758, 39.2664, 61.8856
YIQ	170.5610, -5.4130, 15.5070

Conversions

Conversions Part 2

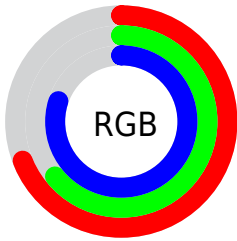
Format	Color
RYB	175, 162, 203
Decimal	11510475
CIELab	68.94, 12.80, -19.21
CIELCh	69, 23.090, 303.681
Yxy	39.2664, 0.2903, 0.2755
Android (android.graphics.Color)	4289700555 (0xFFAFA2CB)
YUV	170.5610, 15.9924, 3.8930
Hunter-Lab	62.6629, 8.2020, -14.6905

Details

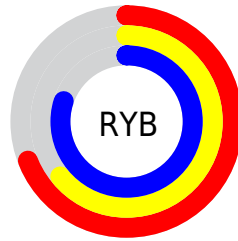
The Yxy color $39.2664, 0.2903, 0.2755$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $56.2582, 0.3322, 0.3806$, and the grayscale version is $40.4139, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.8346, 0.2979, 0.2901$, and $17.4594, 0.2828, 0.2595$ is the 20% darker color. If you saturate the color by 10%, you get $31.1615, 0.2767, 0.2455$, and if you desaturate by 10%, it is $48.6935, 0.3022, 0.3033$.

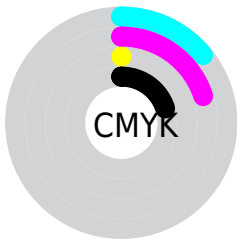
Distribution



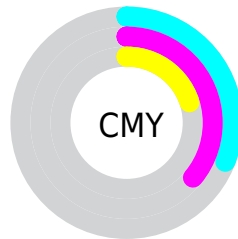
- Red (69%)
- Green (64%)
- Blue (80%)



- Red (69%)
- Yellow (64%)
- Blue (80%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2664, 0.2903, 0.2755 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 39.2664, 0.2903, 0.2755 by changing the saturation by 10% instead.

■ 39.2664, 0.2903,
0.2755

■ 39.2664, 0.2903,
0.2755

■ 343.0218, 0.3020,
0.3021

■ 26.9670, 0.2872,
0.2689

■ 74.0451, 0.2947,
0.2851

■ 17.5485, 0.2832,
0.2606

■ 97.2932, 0.2963,
0.2887

■ 10.6263, 0.2777,
0.2495

■ 124.9598, 0.2976,
0.2918

■ 5.8161, 0.2698,
0.2343

■ 157.4290, 0.2988,
0.2945

■ 2.7336, 0.2576,
0.2122

■ 195.0855, 0.2997,
0.2967

■ 0.9943, 0.2366,
0.1776

■ 238.3135, 0.3006,

■ 0.0000, 0.1399,

0.2988

0.0000

287.4975, 0.3014,
0.3005

0.0000, 0.0000,
0.0000

39.2664, 0.2903,
0.2755

39.2664, 0.2903,
0.2755

31.1615, 0.2767,
0.2455

48.6935, 0.3022,
0.3033

24.3137, 0.2617,
0.2139

59.4943, 0.3125,
0.3286

18.6597, 0.2454,
0.1819

71.7233, 0.3214,
0.3512

14.1284, 0.2285,
0.1509

85.4308, 0.3289,
0.3713

10.6412, 0.2117,
0.1230

95.1210, 0.3365,
0.3812

■ 8.1087, 0.1961,
0.0998

■ 97.0909, 0.3436,
0.3800

■ 6.4256, 0.1826,
0.0828

■ 5.4120, 0.1718,
0.0720

Harmonies

Analogous

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



39.2664, 0.2636, 0.2740



39.2664, 0.2903, 0.2755



39.2664, 0.3245, 0.2895

Triad

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



39.2664, 0.2903, 0.2755



39.2664, 0.3793, 0.3674



39.2664, 0.2693, 0.3443

Complementary

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



39.2664, 0.2903, 0.2755



56.2582, 0.3322, 0.3806

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.



39.2664, 0.2985, 0.3739



39.2664, 0.2903, 0.2755



39.2664, 0.3625, 0.3860

Square

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



39.2664, 0.2903, 0.2755



39.2664, 0.3775, 0.3406



39.2664, 0.3326, 0.3894



39.2664, 0.2520, 0.3117

Rectangle

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



39.2664, 0.2903, 0.2755



39.2664, 0.3470, 0.3042



39.2664, 0.3326, 0.3894



39.2664, 0.2780, 0.3551

Sweetspot

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



39.2680, 0.2903, 0.2755



88.6952, 0.3066, 0.3140



48.8228, 0.2817, 0.3120



18.7323, 0.3060, 0.3123



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.



39.2680, 0.2903, 0.2755



59.8901, 0.2849, 0.2633



41.8194, 0.3083, 0.2783



11.0136, 0.3031, 0.3054



3.4883, 0.1731, 0.0727



0.2206, 0.1952, 0.0849

Inverse Universe

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



42.2551, 0.3264, 0.2945



65.7877, 0.3298, 0.2871



53.8043, 0.3159, 0.3833



11.3409, 0.3185, 0.3133



9.2772, 0.4201, 0.2088



0.4920, 0.3961, 0.1956

Previews

White Background



This preview shows how the Yxy color 39.2664, 0.2903, 0.2755 looks on a white background.

Color Contrast Check

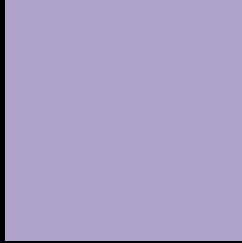
Large Text (above 18pt) WCAG AA × Fail

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 39.2664, 0.2903, 0.2755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

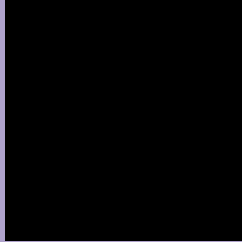
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2664, 0.2903, 0.2755

Background



This preview shows how black text looks on a background with the Yxy color 39.2664, 0.2903, 0.2755.



This preview shows how white text looks on a background with the Yxy color 39.2664, 0.2903, 0.2755.

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

39.2664, 0.2903, 0.2755

Protanopia

39.4646, 0.2752, 0.2766

Deuteranopia

39.4994, 0.2853, 0.2799



Tritanopia

39.1850, 0.3063, 0.3112

Trichromacy



Original Color

39.2664, 0.2903, 0.2755

Protanomaly

39.3174, 0.2805, 0.2758

Deuteranomaly

39.4731, 0.2877, 0.2789

Tritanomaly

39.3118, 0.2997, 0.2980

Monochromacy



Original Color

39.2664, 0.2903, 0.2755

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1948, 0.3038, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2664, 0.2903, 0.2755 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(175, 162, 203)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 203)  
}
```

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(175, 162, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 203) }
```

Border

The CSS property to change the border of an element to Yxy 39.2664, 0.2903, 0.2755 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(175, 162, 203) }
```

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

```
.border{ border-color:rgb(175, 162, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 203);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2664, 0.2903, 0.2755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 203) }
```

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

```
.background{ background-color: rgb(175,  
162, 203) }
```

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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