

Converting Colors

Yxy(40.5358, 0.3123, 0.2809)

Have a look what the booklet for
Yxy(40.5358, 0.3123, 0.2809)
contains.

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Color

Yxy(40.4756, 0.3122, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	C39FC6
RGB	195, 159, 198
RGB Percent	76%, 62%, 78%
CMY	0.2353, 0.3765, 0.2234
CMYK	0.02, 0.20, 0.00, 0.22
HSL	295°, 26%, 70%
HSV	295°, 20%, 78%
XYZ	45.0981, 40.4756, 58.8789
YIQ	174.2100, 8.9370, 19.7610

Conversions

Conversions Part 2

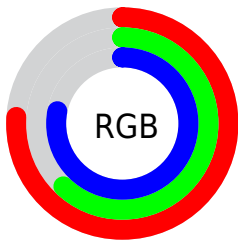
Format	Color
RYB	195, 159, 198
Decimal	12820422
CIELab	69.81, 20.12, -15.00
CIELCh	70, 25.097, 323.303
Yxy	40.4756, 0.3122, 0.2802
Android (android.graphics.Color)	4291010502 (0xFFC39FC6)
YUV	174.2100, 11.7285, 18.2328
Hunter-Lab	63.6204, 15.1960, -10.3369

Details

The Yxy color **40.4756, 0.3122, 0.2802** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.5903, 0.3126, 0.3823**, and the grayscale version is **42.3773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0086, 0.3125, 0.2888**, and **18.1917, 0.3118, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **33.9991, 0.3116, 0.2549**, and if you desaturate by 10%, it is **48.0488, 0.3126, 0.3053**.

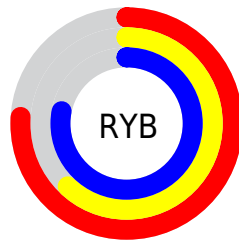
Distribution



Red (76%)

Green (62%)

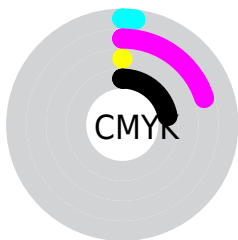
Blue (78%)



Red (76%)

Yellow (62%)

Blue (78%)

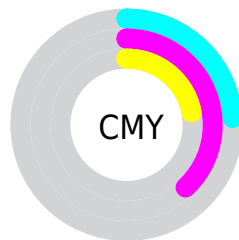


Cyan (2%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4756, 0.3122, 0.2802 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 40.4756, 0.3122, 0.2802 by changing the saturation by 10% instead.


 40.4756, 0.3122,
0.2802


 40.4756, 0.3122,
0.2802


348.1241, 0.3128,
0.3042

 27.9096, 0.3119,
0.2743


 75.8872, 0.3125,
0.2889

 18.2575, 0.3115,
0.2668


 99.5015, 0.3126,
0.2921

 11.1350, 0.3109,
0.2570


127.5674, 0.3127,
0.2949

 6.1577, 0.3097,
0.2435

160.4693, 0.3127,
0.2973

 2.9412, 0.3076,
0.2240

198.5915, 0.3128,
0.2994

 1.1011, 0.3029,
0.1935

242.3184, 0.3128,

 0.0000, 0.3145,

0.3012

0.0000

292.0345, 0.3128,
0.3028

0.0000, 0.0000,
0.0000

40.4756, 0.3122,
0.2802

40.4756, 0.3122,
0.2802

33.9991, 0.3116,
0.2549

48.0488, 0.3126,
0.3053

28.5623, 0.3108,
0.2303

56.7617, 0.3127,
0.3297

24.1107, 0.3098,
0.2072

66.6618, 0.3127,
0.3528

20.5830, 0.3085,
0.1868

77.7920, 0.3126,
0.3744

17.9109, 0.3069,
0.1698

88.2523, 0.3126,
0.3913

■ 16.0169, 0.3052,
0.1569

■ 88.4692, 0.3136,
0.3912

■ 14.8092, 0.3034,
0.1484

■ 88.6882, 0.3145,
0.3910

■ 14.1184, 0.3014,
0.1435

■ 88.9094, 0.3155,
0.3908

■ 14.1003, 0.3014,
0.1434

■ 89.1328, 0.3165,
0.3906

Harmonies

Analogous

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



40.4756, 0.2774, 0.2695



40.4756, 0.3122, 0.2802



40.4756, 0.3491, 0.3021

Triad

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



40.4756, 0.3122, 0.2802



40.4756, 0.3744, 0.3847



40.4756, 0.2522, 0.3219

Complementary

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



40.4756, 0.3122, 0.2802



50.5903, 0.3126, 0.3823

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.



40.4756, 0.2757, 0.3576



40.4756, 0.3122, 0.2802



40.4756, 0.3461, 0.3951

Square

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



40.4756, 0.3122, 0.2802



40.4756, 0.3862, 0.3606



40.4756, 0.3098, 0.3855



40.4756, 0.2443, 0.2911

Rectangle

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



40.4756, 0.3122, 0.2802



40.4756, 0.3693, 0.3207



40.4756, 0.3098, 0.3855



40.4756, 0.2585, 0.3338

Sweetspot

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



40.4774, 0.3122, 0.2802



90.3987, 0.3126, 0.3143



37.3807, 0.2805, 0.2800



19.1352, 0.3126, 0.3126



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.



40.4774, 0.3122, 0.2802



66.0830, 0.3120, 0.2684



40.1751, 0.3296, 0.3001



10.7730, 0.3126, 0.3061



9.1838, 0.3016, 0.1435



0.4476, 0.3059, 0.1459

Inverse Universe

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



39.4172, 0.3483, 0.3252



63.8577, 0.3592, 0.3242



50.8784, 0.2988, 0.3597



10.6501, 0.3278, 0.3272



7.8359, 0.6305, 0.3247



0.3758, 0.5994, 0.3076

Previews

White Background



This preview shows how the Yxy color 40.4756, 0.3122, 0.2802 looks on a white background.

Color Contrast Check

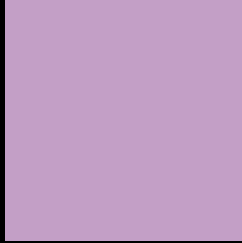
Large Text (above 18pt) WCAG AA × Fail

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 40.4756, 0.3122, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

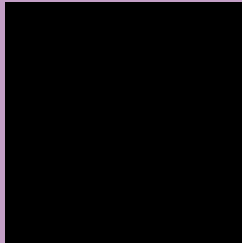
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4756, 0.3122, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 40.4756, 0.3122, 0.2802.



This preview shows how white text looks on a background with the Yxy color 40.4756, 0.3122, 0.2802.

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

40.4756, 0.3122, 0.2802

Protanopia

40.5702, 0.2793, 0.2811

Deuteranopia

40.4176, 0.2951, 0.2882



Tritanopia

40.5354, 0.3286, 0.3122

Trichromacy



Original Color

40.4756, 0.3122, 0.2802

Protanomaly

40.2885, 0.2912, 0.2807

Deuteranomaly

40.1707, 0.3012, 0.2849

Tritanomaly

40.6388, 0.3225, 0.3008

Monochromacy



Original Color

40.4756, 0.3122, 0.2802

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7399, 0.3127, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4756, 0.3122, 0.2802 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(195, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 159, 198)  
}
```

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(195, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 159, 198) }
```

Border

The CSS property to change the border of an element to Yxy 40.4756, 0.3122, 0.2802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

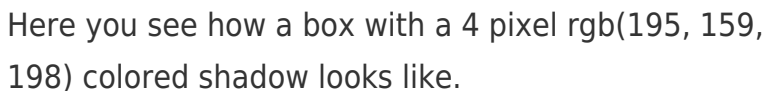
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 159, 198) }
```

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

```
.border{ border-color:rgb(195, 159, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 159, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 159, 198); box-shadow:4px 4px 4px 4px rgb(195, 159, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4756, 0.3122, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 159, 198) }
```

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

```
.background{ background-color: rgb(195,  
159, 198) }
```

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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