

Converting Colors

Yxy(39.9483, 0.2852, 0.2791)

Have a look what the booklet for
Yxy(39.9483, 0.2852, 0.2791)
contains.

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Color

Yxy(40.0192, 0.2854, 0.2801)

Conversions

Conversions Part 1

Format	Color
Hex	A9A6CB
RGB	169, 166, 203
RGB Percent	66%, 65%, 80%
CMY	0.3373, 0.3490, 0.2039
CMYK	0.17, 0.18, 0.00, 0.20
HSL	245°, 26%, 72%
HSV	245°, 18%, 80%
XYZ	40.7764, 40.0192, 62.0791
YIQ	171.1150, -10.0890, 12.1430

Conversions

Conversions Part 2

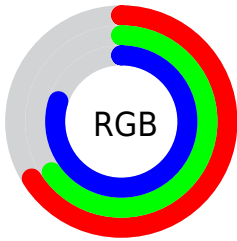
Format	Color
R_{YB}	169, 166, 203
Decimal	11118283
CIE _{Lab}	69.48, 8.64, -18.46
CIE _{LCh}	69, 20.379, 295.089
Yxy	40.0192, 0.2854, 0.2801
Android (android.graphics.Color)	4289308363 (0xFFA9A6CB)
YUV	171.1150, 15.7193, -1.8549
Hunter-Lab	63.2607, 4.3508, -13.9000

Details

The Yxy color $40.0192, 0.2854, 0.2801$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $57.7514, 0.3374, 0.3743$, and the grayscale version is $40.7090, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.9405, 0.2939, 0.2939$, and $17.9176, 0.2763, 0.2656$ is the 20% darker color. If you saturate the color by 10%, you get $31.2943, 0.2677, 0.2489$, and if you desaturate by 10%, it is $50.2070, 0.3012, 0.3083$.

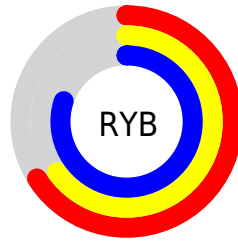
Distribution



Red (66%)

Green (65%)

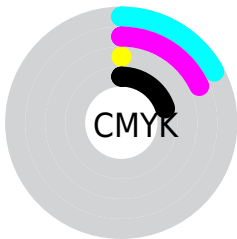
Blue (80%)



Red (66%)

Yellow (65%)

Blue (80%)

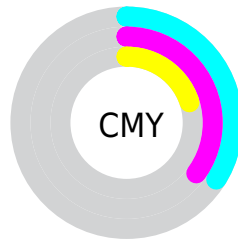


Cyan (17%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (34%)


Magenta (35%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0192, 0.2854, 0.2801 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 40.0192, 0.2854, 0.2801 by changing the saturation by 10% instead.


 40.0192, 0.2854,
0.2801

 40.0192, 0.2854,
0.2801


346.2045, 0.2995,
0.3045

 27.5535, 0.2818,
0.2740


 75.1927, 0.2906,
0.2890

 17.9894, 0.2771,
0.2663


 98.6694, 0.2925,
0.2923

 10.9424, 0.2707,
0.2560


126.5852, 0.2941,
0.2951

 6.0281, 0.2616,
0.2419

159.3244, 0.2955,
0.2975

 2.8622, 0.2478,
0.2211

197.2716, 0.2967,
0.2996

 1.0602, 0.2246,
0.1883

240.8111, 0.2977,

 0.0000, 0.1111,

0.3015

0.0000

290.3272, 0.2987,
0.3031

0.0000, 0.0000,
0.0000

40.0192, 0.2854,
0.2801

40.0192, 0.2854,
0.2801

31.2943, 0.2677,
0.2489

50.2070, 0.3012,
0.3083

23.9604, 0.2483,
0.2154

61.9155, 0.3150,
0.3332

17.9471, 0.2279,
0.1806

75.2051, 0.3270,
0.3550

13.1756, 0.2076,
0.1466

90.1318, 0.3373,
0.3739

9.5589, 0.1886,
0.1156

97.0921, 0.3436,
0.3800

■ 6.9986, 0.1725,
0.0903

■ 5.3799, 0.1606,
0.0725

■ 4.5356, 0.1533,
0.0626

■ 4.4255, 0.1523,
0.0613

Harmonies

Analogous

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



40.0192, 0.2646, 0.2824



40.0192, 0.2854, 0.2801



40.0192, 0.3143, 0.2895

Triad

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



40.0192, 0.2854, 0.2801



40.0192, 0.3724, 0.3568



40.0192, 0.2811, 0.3506

Complementary

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



40.0192, 0.2854, 0.2801



57.7514, 0.3374, 0.3743

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.



40.0192, 0.3089, 0.3735



40.0192, 0.2854, 0.2801



40.0192, 0.3621, 0.3757

Square

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



40.0192, 0.2854, 0.2801



40.0192, 0.3658, 0.3323



40.0192, 0.3386, 0.3826



40.0192, 0.2623, 0.3219

Rectangle

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



40.0192, 0.2854, 0.2801



40.0192, 0.3346, 0.3012



40.0192, 0.3386, 0.3826



40.0192, 0.2897, 0.3594

Sweetspot

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



40.0208, 0.2854, 0.2801



89.9773, 0.3058, 0.3165



53.9792, 0.2854, 0.3258



18.9688, 0.3048, 0.3147



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.



40.0208, 0.2854, 0.2801



60.7767, 0.2784, 0.2678



42.1485, 0.3007, 0.2823



10.8865, 0.2995, 0.3051



2.8323, 0.1529, 0.0616



0.1615, 0.1622, 0.0667

Inverse Universe

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



44.1437, 0.3173, 0.2877



68.9930, 0.3185, 0.2782



55.4186, 0.3229, 0.3764



11.3875, 0.3150, 0.3080



10.3598, 0.3421, 0.1658



0.5392, 0.3375, 0.1633

Previews

White Background



This preview shows how the Yxy color 40.0192, 0.2854, 0.2801 looks on a white background.

Color Contrast Check

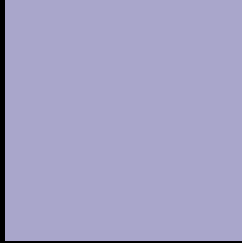
Large Text (above 18pt) WCAG AA × Fail

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 40.0192, 0.2854, 0.2801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

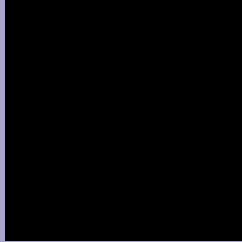
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0192, 0.2854, 0.2801

Background



This preview shows how black text looks on a background with the Yxy color 40.0192, 0.2854, 0.2801.



This preview shows how white text looks on a background with the Yxy color 40.0192, 0.2854, 0.2801.

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

40.0192, 0.2854, 0.2801

Protanopia

40.0463, 0.2791, 0.2808

Deuteranopia

40.1303, 0.2862, 0.2802



Tritanopia

40.1677, 0.2977, 0.3111

Trichromacy



Original Color

40.0192, 0.2854, 0.2801

Protanomaly

39.9964, 0.2814, 0.2798

Deuteranomaly

40.1303, 0.2862, 0.2802

Tritanomaly

40.2006, 0.2930, 0.3004

Monochromacy



Original Color

40.0192, 0.2854, 0.2801

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3409, 0.3020, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0192, 0.2854, 0.2801 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(169, 166, 203)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 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(169, 166, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 203) }
```

Border

The CSS property to change the border of an element to Yxy 40.0192, 0.2854, 0.2801 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(169, 166, 203) }
```

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

```
.border{ border-color:rgb(169, 166, 203) }
```

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

Here you see how a box with a 4 pixel rgb(169, 166, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0192, 0.2854, 0.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 203) }
```

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

```
.background{ background-color: rgb(169,  
166, 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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