

Converting Colors

$Y_{xy}(34.4375, 0.2953, 0.2757)$

Have a look what the booklet for
Yxy(34.4375, 0.2953, 0.2757)
contains.

Yxy(34.2859, 0.2952, 0.2756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.2859, 0.2952, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	A997BE
RGB	169, 151, 190
RGB Percent	66%, 59%, 75%
CMY	0.3372, 0.4078, 0.2549
CMYK	0.11, 0.21, 0.00, 0.25
HSL	268°, 23%, 67%
HSV	268°, 21%, 75%
XYZ	36.7242, 34.2859, 53.3944
YIQ	160.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

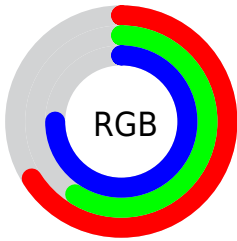
Format	Color
R_{YB}	169, 151, 190
Decimal	11114430
CIE _{Lab}	65.19, 14.22, -17.74
CIE _{LCh}	65, 22.733, 308.725
Yxy	34.2859, 0.2952, 0.2756
Android (android.graphics.Color)	4289304510 (0xFFA997BE)
YUV	160.8280, 14.3818, 7.1668
Hunter-Lab	58.5542, 9.4825, -13.0775

Details

The Yxy color $34.2859, 0.2952, 0.2756$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $47.8283, 0.3276, 0.3821$, and the grayscale version is $35.4905, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.1638, 0.2987, 0.2856$, and $14.7024, 0.2891, 0.2591$ is the 20% darker color. If you saturate the color by 10%, you get $27.5697, 0.2846, 0.2468$, and if you desaturate by 10%, it is $42.0790, 0.3044, 0.3027$.

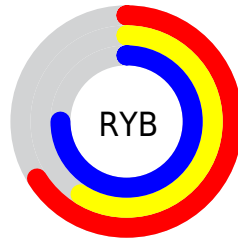
Distribution



Red (66%)

Green (59%)

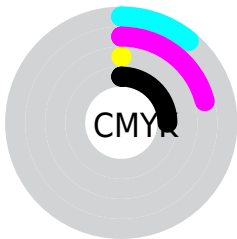
Blue (75%)



Red (66%)

Yellow (59%)

Blue (75%)

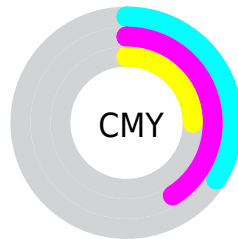


Cyan (11%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (34%)


Magenta (41%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2859, 0.2952, 0.2756 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 34.2859, 0.2952, 0.2756 by changing the saturation by 10% instead.

 34.2859, 0.2952,
0.2756


 34.2859, 0.2952,
0.2756


321.4050, 0.3047,
0.3027

 23.1133, 0.2926,
0.2687


 66.3780, 0.2988,
0.2855

 14.6772, 0.2891,
0.2599


 88.0664, 0.3001,
0.2892

 8.5932, 0.2843,
0.2480


114.0287, 0.3012,
0.2924

 4.4768, 0.2770,
0.2313

144.6495, 0.3021,
0.2950

 1.9437, 0.2652,
0.2064

180.3132, 0.3029,
0.2973

 0.5744, 0.2454,
0.1576

221.4040, 0.3036,

 0.0000, 0.0000,

0.2993

0.0000

268.3065, 0.3041,
0.3011

■ 34.2859, 0.2952,
0.2756

■ 34.2859, 0.2952,
0.2756

■ 27.5697, 0.2846,
0.2468

■ 42.0790, 0.3044,
0.3027

■ 21.8768, 0.2728,
0.2169

■ 50.9904, 0.3123,
0.3278

■ 17.1556, 0.2598,
0.1870

■ 61.0649, 0.3190,
0.3505

■ 13.3482, 0.2460,
0.1584

■ 72.3433, 0.3247,
0.3710

■ 10.3902, 0.2319,
0.1327

■ 84.8644, 0.3294,
0.3893

8.2083, 0.2183,
0.1113

92.1194, 0.3349,
0.3965

6.7161, 0.2056,
0.0953

93.8644, 0.3417,
0.3950

5.7804, 0.1949,
0.0848

95.7102, 0.3486,
0.3936

96.4975, 0.3514,
0.3929

Harmonies

Analogous

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



34.2859, 0.2659, 0.2717



34.2859, 0.2952, 0.2756



34.2859, 0.3309, 0.2918

Triad

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



34.2859, 0.2952, 0.2756



34.2859, 0.3796, 0.3725



34.2859, 0.2640, 0.3390

Complementary

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



34.2859, 0.2952, 0.2756



47.8283, 0.3276, 0.3821

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.



34.2859, 0.2924, 0.3710



34.2859, 0.2952, 0.2756



34.2859, 0.3595, 0.3896

Square

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



34.2859, 0.2952, 0.2756



34.2859, 0.3812, 0.3458



34.2859, 0.3273, 0.3899



34.2859, 0.2488, 0.3059

Rectangle

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



34.2859, 0.2952, 0.2756



34.2859, 0.3534, 0.3078



34.2859, 0.3273, 0.3899



34.2859, 0.2723, 0.3504

Sweetspot

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



34.2873, 0.2952, 0.2756



83.1514, 0.3081, 0.3141



39.9728, 0.2809, 0.3043



18.0276, 0.3075, 0.3124



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2873, 0.2952, 0.2756



55.9571, 0.2902, 0.2617



36.5482, 0.3132, 0.2784



9.4354, 0.3054, 0.3058



3.8895, 0.1963, 0.0855



0.1913, 0.2238, 0.1007

Inverse Universe

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



36.0580, 0.3321, 0.3013



59.8539, 0.3378, 0.2943



45.8269, 0.3117, 0.3847



9.6199, 0.3206, 0.3167



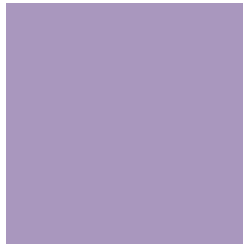
7.9363, 0.4775, 0.2404



0.3240, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 34.2859, 0.2952, 0.2756 looks on a white background.

Color Contrast Check

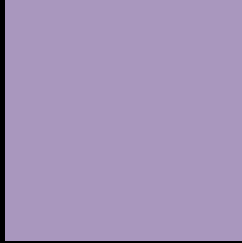
Large Text (above 18pt) WCAG AA × Fail

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 34.2859, 0.2952, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

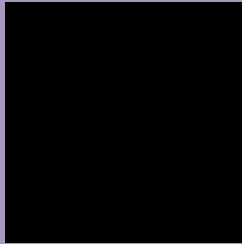
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2859, 0.2952, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 34.2859, 0.2952, 0.2756.



This preview shows how white text looks on a background with the Yxy color 34.2859, 0.2952, 0.2756.

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

34.2859, 0.2952, 0.2756

Protanopia

34.4930, 0.2755, 0.2765

Deuteranopia

34.3859, 0.2862, 0.2811



Tritanopia

34.2320, 0.3116, 0.3117

Trichromacy



Original Color

34.2859, 0.2952, 0.2756

Protanomaly

34.4610, 0.2821, 0.2758

Deuteranomaly

34.4667, 0.2897, 0.2802

Tritanomaly

34.3133, 0.3054, 0.2992

Monochromacy



Original Color

34.2859, 0.2952, 0.2756

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.9850, 0.3061, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2859, 0.2952, 0.2756 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, 151, 190)` looks like.

```
.text, #text, p{  
    color:rgb(169, 151, 190)  
}
```

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, 151, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 151, 190) }
```

Border

The CSS property to change the border of an element to Yxy 34.2859, 0.2952, 0.2756 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, 151, 190) }
```

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

```
.border{ border-color:rgb(169, 151, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 151, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 151, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 151, 190);  
box-shadow:4px 4px 4px 4px rgb(169, 151,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2859, 0.2952, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 151, 190) }
```

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

```
.background{ background-color: rgb(169,  
151, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor