

Converting Colors

$Y_{xy}(40.1480, 0.2999, 0.2957)$

Have a look what the booklet for
Yxy(40.1480, 0.2999, 0.2957)
contains.

Yxy(40.1480, 0.2999, 0.2957)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.1480, 0.2999, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	AFA6BF
RGB	175, 166, 191
RGB Percent	69%, 65%, 75%
CMY	0.3138, 0.3490, 0.2509
CMYK	0.08, 0.13, 0.00, 0.25
HSL	262°, 16%, 70%
HSV	262°, 13%, 75%
XYZ	40.7182, 40.1480, 54.9065
YIQ	171.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

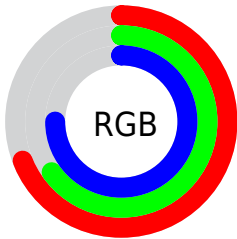
Format	Color
R_{YB}	175, 166, 191
Decimal	11511487
CIE Lab	69.57, 8.07, -11.65
CIE LCh	70, 14.169, 304.705
Yxy	40.1480, 0.2999, 0.2957
Android (android.graphics.Color)	4289701567 (0xFFAFA6BF)
YUV	171.5410, 9.5933, 3.0335
Hunter-Lab	63.3624, 3.8241, -7.0238

Details

The Yxy color $40.1480, 0.2999, 0.2957$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.9763, 0.3244, 0.3617$, and the grayscale version is $40.9631, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.4172, 0.3029, 0.3022$, and $18.0072, 0.2949, 0.2850$ is the 20% darker color. If you saturate the color by 10%, you get $32.3590, 0.2884, 0.2675$, and if you desaturate by 10%, it is $49.1005, 0.3099, 0.3215$.

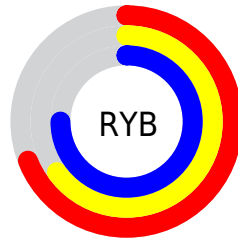
Distribution



Red (69%)

Green (65%)

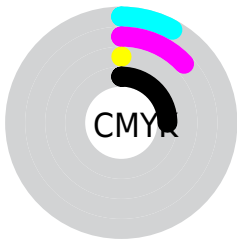
Blue (75%)



Red (69%)

Yellow (65%)

Blue (75%)

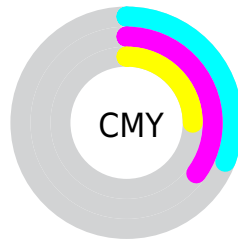


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.1480, 0.2999, 0.2957 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 40.1480, 0.2999, 0.2957 by changing the saturation by 10% instead.

■ 40.1480, 0.2999,
0.2957

■ 40.1480, 0.2999,
0.2957

■ 346.7470, 0.3066,
0.3124

■ 27.6540, 0.2982,
0.2915

■ 75.3888, 0.3024,
0.3018

■ 18.0650, 0.2959,
0.2861

■ 98.9044, 0.3033,
0.3041

■ 10.9966, 0.2927,
0.2789

■ 126.8626, 0.3041,
0.3060

■ 6.0646, 0.2882,
0.2688

■ 159.6479, 0.3047,
0.3077

■ 2.8844, 0.2811,
0.2536

■ 197.6445, 0.3053,
0.3091

■ 1.0717, 0.2686,
0.2286

■ 241.2370, 0.3058,

■ 0.0000, 0.1663,

0.3104

0.0000

290.8097, 0.3062,
0.3115

0.0000, 0.0000,
0.0000

40.1480, 0.2999,
0.2957

40.1480, 0.2999,
0.2957

32.3590, 0.2884,
0.2675

49.1005, 0.3099,
0.3215

25.6797, 0.2753,
0.2375

59.2572, 0.3185,
0.3448

20.0595, 0.2608,
0.2062

70.6630, 0.3258,
0.3657

15.4420, 0.2452,
0.1750

83.3590, 0.3319,
0.3842

11.7651, 0.2291,
0.1454

93.1543, 0.3382,
0.3946

■ 8.9599, 0.2132,
0.1192

■ 95.3261, 0.3464,
0.3929

■ 6.9472, 0.1984,
0.0980

■ 96.5426, 0.3508,
0.3919

■ 5.6328, 0.1856,
0.0829

■ 5.0109, 0.1779,
0.0754

Harmonies

Analogous

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



40.1480, 0.2829, 0.2948



40.1480, 0.2999, 0.2957



40.1480, 0.3209, 0.3047

Triad

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



40.1480, 0.2999, 0.2957



40.1480, 0.3530, 0.3537



40.1480, 0.2856, 0.3378

Complementary

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



40.1480, 0.2999, 0.2957



49.9763, 0.3244, 0.3617

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.



40.1480, 0.3037, 0.3552



40.1480, 0.2999, 0.2957



40.1480, 0.3428, 0.3641

Square

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



40.1480, 0.2999, 0.2957



40.1480, 0.3521, 0.3375



40.1480, 0.3246, 0.3649



40.1480, 0.2749, 0.3184

Rectangle

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



40.1480, 0.2999, 0.2957



40.1480, 0.3343, 0.3143



40.1480, 0.3246, 0.3649



40.1480, 0.2910, 0.3442

Sweetspot

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



40.1497, 0.2999, 0.2957



86.2716, 0.3090, 0.3191



45.4362, 0.2927, 0.3173



18.6632, 0.3083, 0.3172



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.



40.1497, 0.2999, 0.2957



67.2640, 0.2964, 0.2871



41.6368, 0.3108, 0.2968



9.3875, 0.3038, 0.3057



3.3338, 0.1792, 0.0761



0.1678, 0.2077, 0.0918

Inverse Universe

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



41.7339, 0.3220, 0.3083



70.7313, 0.3245, 0.3032



48.5447, 0.3142, 0.3628



9.6366, 0.3191, 0.3144



8.2262, 0.4357, 0.2174



0.3343, 0.4016, 0.1986

Previews

White Background



This preview shows how the Yxy color 40.1480, 0.2999, 0.2957 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 40.1480, 0.2999, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

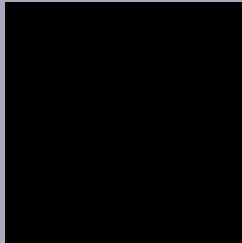
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1480, 0.2999, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 40.1480, 0.2999, 0.2957.



This preview shows how white text looks on a background with the Yxy color 40.1480, 0.2999, 0.2957.

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

40.1480, 0.2999, 0.2957

Protanopia

40.3332, 0.2907, 0.2965

Deuteranopia

40.0190, 0.3017, 0.2946



Tritanopia

40.2257, 0.3063, 0.3114

Trichromacy



Original Color

40.1480, 0.2999, 0.2957

Protanomaly

40.2461, 0.2940, 0.2967

Deuteranomaly

39.9020, 0.3008, 0.2945

Tritanomaly

40.1389, 0.3039, 0.3048

Monochromacy



Original Color

40.1480, 0.2999, 0.2957

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8884, 0.3079, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1480, 0.2999, 0.2957 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, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 191)  
}
```

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, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 191) }
```

Border

The CSS property to change the border of an element to Yxy 40.1480, 0.2999, 0.2957 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, 166, 191) }
```

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

```
.border{ border-color:rgb(175, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1480, 0.2999, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 166, 191) }
```

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

```
.background{ background-color: rgb(175,  
166, 191) }
```

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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