

Converting Colors

Yxy(39.9847, 0.2987, 0.2956)

Have a look what the booklet for
Yxy(39.9847, 0.2987, 0.2956)
contains.

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Color

Yxy(40.0327, 0.2991, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	AEA6BF
RGB	174, 166, 191
RGB Percent	68%, 65%, 75%
CMY	0.3174, 0.3491, 0.2509
CMYK	0.09, 0.13, 0.00, 0.25
HSL	259°, 16%, 70%
HSV	259°, 13%, 75%
XYZ	40.5067, 40.0327, 54.8892
YIQ	171.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

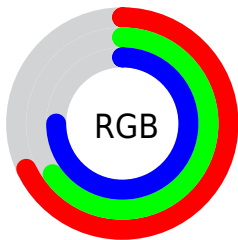
Format	Color
RYB	174, 166, 191
Decimal	11445951
CIELab	69.49, 7.77, -11.77
CIELCh	69, 14.104, 303.413
Yxy	40.0327, 0.2991, 0.2956
Android (android.graphics.Color)	4289636031 (0xFFAEA6BF)
YUV	171.2420, 9.7407, 2.4188
Hunter-Lab	63.2714, 3.5517, -7.1453

Details

The Yxy color **40.0327, 0.2991, 0.2956** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.0792, 0.3252, 0.3617**, and the grayscale version is **40.8087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2513, 0.3022, 0.3021**, and **18.0072, 0.2949, 0.2850** is the 20% darker color. If you saturate the color by 10%, you get **32.1831, 0.2869, 0.2673**, and if you desaturate by 10%, it is **49.0602, 0.3097, 0.3215**.

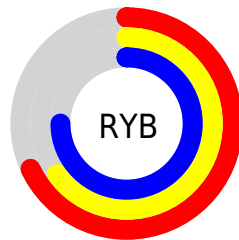
Distribution



Red (68%)

Green (65%)

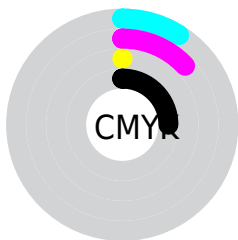
Blue (75%)



Red (68%)

Yellow (65%)

Blue (75%)

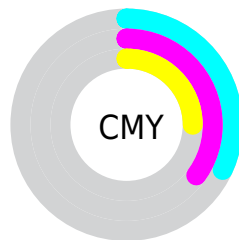


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (32%)


Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0327, 0.2991, 0.2956 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 40.0327, 0.2991, 0.2956 by changing the saturation by 10% instead.


 40.0327, 0.2991,
0.2956


 40.0327, 0.2991,
0.2956


346.2614, 0.3062,
0.3124

 27.5640, 0.2973,
0.2914


 75.2133, 0.3017,
0.3017

 17.9973, 0.2948,
0.2859


 98.6940, 0.3027,
0.3040

 10.9480, 0.2915,
0.2787


126.6143, 0.3035,
0.3060

 6.0319, 0.2867,
0.2685

159.3584, 0.3042,
0.3076

 2.8645, 0.2793,
0.2533

197.3107, 0.3048,
0.3091

 1.0614, 0.2660,
0.2280

240.8557, 0.3053,

 0.0000, 0.1517,

0.3103

0.0000

290.3778, 0.3058,
0.3114

0.0000, 0.0000,
0.0000

40.0327, 0.2991,
0.2956

40.0327, 0.2991,
0.2956

32.1831, 0.2869,
0.2673

49.0602, 0.3097,
0.3215

25.4569, 0.2730,
0.2369

59.3069, 0.3189,
0.3448

19.8030, 0.2578,
0.2052

70.8182, 0.3266,
0.3656

15.1642, 0.2415,
0.1736

83.6359, 0.3332,
0.3840

11.4777, 0.2247,
0.1434

93.5885, 0.3399,
0.3943

■ 8.6736, 0.2083,
0.1167

■ 95.9182, 0.3485,
0.3924

■ 6.6721, 0.1932,
0.0952

■ 96.5422, 0.3508,
0.3919

■ 5.3778, 0.1804,
0.0800

■ 4.7749, 0.1729,
0.0726

Harmonies

Analogous

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



40.0327, 0.2824, 0.2951



40.0327, 0.2991, 0.2956



40.0327, 0.3200, 0.3043

Triad

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



40.0327, 0.2991, 0.2956



40.0327, 0.3531, 0.3530



40.0327, 0.2863, 0.3386

Complementary

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



40.0327, 0.2991, 0.2956



50.0792, 0.3252, 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.



40.0327, 0.3046, 0.3557



40.0327, 0.2991, 0.2956



40.0327, 0.3433, 0.3637

Square

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



40.0327, 0.2991, 0.2956



40.0327, 0.3517, 0.3367



40.0327, 0.3254, 0.3650



40.0327, 0.2753, 0.3192

Rectangle

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



40.0327, 0.2991, 0.2956



40.0327, 0.3334, 0.3137



40.0327, 0.3254, 0.3650



40.0327, 0.2918, 0.3449

Sweetspot

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



40.0344, 0.2991, 0.2956



86.2089, 0.3088, 0.3191



45.7703, 0.2927, 0.3184



18.6470, 0.3080, 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.



40.0344, 0.2991, 0.2956



67.0397, 0.2954, 0.2869



41.5210, 0.3101, 0.2967



9.3708, 0.3033, 0.3056



3.1765, 0.1742, 0.0733



0.1606, 0.2024, 0.0889

Inverse Universe

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



41.7607, 0.3212, 0.3072



70.8132, 0.3235, 0.3018



48.6298, 0.3149, 0.3627



9.6425, 0.3186, 0.3136



8.3424, 0.4218, 0.2097



0.3383, 0.3921, 0.1934

Previews

White Background



This preview shows how the Yxy color 40.0327, 0.2991, 0.2956 looks on a white background.

Color Contrast Check

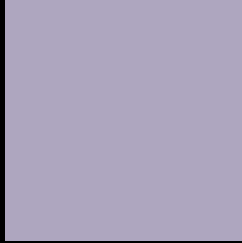
Large Text (above 18pt) WCAG AA × Fail

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 40.0327, 0.2991, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

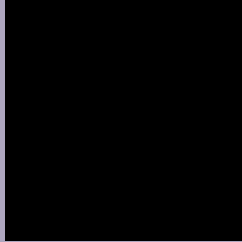
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0327, 0.2991, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 40.0327, 0.2991, 0.2956.



This preview shows how white text looks on a background with the Yxy color 40.0327, 0.2991, 0.2956.

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

40.0327, 0.2991, 0.2956

Protanopia

39.9625, 0.2906, 0.2951

Deuteranopia

39.9020, 0.3008, 0.2945



Tritanopia

40.1121, 0.3054, 0.3113

Trichromacy



Original Color

40.0327, 0.2991, 0.2956

Protanomaly

39.8782, 0.2939, 0.2953

Deuteranomaly

39.7858, 0.2999, 0.2944

Tritanomaly

40.0245, 0.3031, 0.3047

Monochromacy



Original Color

40.0327, 0.2991, 0.2956

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3609, 0.3079, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0327, 0.2991, 0.2956 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(174, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 191) }
```

Border

The CSS property to change the border of an element to Yxy 40.0327, 0.2991, 0.2956 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(174, 166, 191) }
```

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

```
.border{ border-color:rgb(174, 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(174, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0327, 0.2991, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 191) }
```

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

```
.background{ background-color: rgb(174,  
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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