

Converting Colors

$Y_{xy}(40.6072, 0.2990, 0.2996)$

Have a look what the booklet for
Yxy(40.6072, 0.2990, 0.2996)
contains.

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Color

Yxy(40.6072, 0.2990, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	ADA8BE
RGB	173, 168, 190
RGB Percent	68%, 66%, 75%
CMY	0.3216, 0.3411, 0.2550
CMYK	0.09, 0.12, 0.00, 0.25
HSL	254°, 14%, 70%
HSV	254°, 12%, 75%
XYZ	40.5259, 40.6072, 54.4050
YIQ	172.0030, -4.0820, 7.9020

Conversions

Conversions Part 2

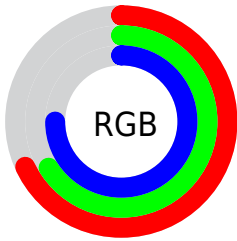
Format	Color
R_{YB}	173, 168, 190
Decimal	11380926
CIE _{Lab}	69.90, 6.07, -10.60
CIE _{LCh}	70, 12.217, 299.799
Yxy	40.6072, 0.2990, 0.2996
Android (android.graphics.Color)	4289571006 (0xFFADA8BE)
YUV	172.0030, 8.8725, 0.8744
Hunter-Lab	63.7238, 2.0025, -6.0129

Details

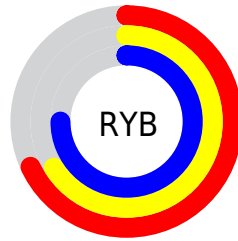
The Yxy color $40.6072, 0.2990, 0.2996$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.9608, 0.3255, 0.3575$, and the grayscale version is $41.2118, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.9232, 0.3015, 0.3051$, and $18.3619, 0.2949, 0.2904$ is the 20% darker color. If you saturate the color by 10%, you get $32.5144, 0.2853, 0.2712$, and if you desaturate by 10%, it is $49.9126, 0.3110, 0.3252$.

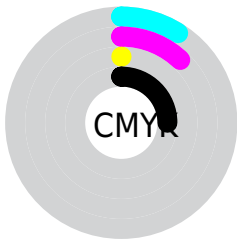
Distribution



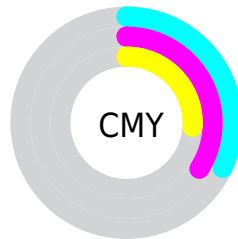
- Red (68%)
- Green (66%)
- Blue (75%)



- Red (68%)
- Yellow (66%)
- Blue (75%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)




- Cyan (32%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6072, 0.2990, 0.2996 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 40.6072, 0.2990, 0.2996 by changing the saturation by 10% instead.

 40.6072, 0.2990,
0.2996


 40.6072, 0.2990,
0.2996


348.6762, 0.3061,
0.3144

 28.0123, 0.2972,
0.2959


 76.0873, 0.3016,
0.3050

 18.3349, 0.2948,
0.2911


 99.7412, 0.3026,
0.3070

 11.1907, 0.2915,
0.2846


127.8502, 0.3034,
0.3087

 6.1953, 0.2868,
0.2756

160.7988, 0.3041,
0.3102

 2.9642, 0.2795,
0.2620

198.9713, 0.3047,
0.3115

 1.1131, 0.2667,
0.2394

242.7521, 0.3052,

 0.0000, 0.1588,

0.3126

0.0000

292.5256, 0.3057,
0.3135

0.0000, 0.0000,
0.0000

40.6072, 0.2990,
0.2996

40.6072, 0.2990,
0.2996

32.5144, 0.2853,
0.2712

49.9126, 0.3110,
0.3252

25.5788, 0.2698,
0.2404

60.4726, 0.3213,
0.3481

19.7484, 0.2528,
0.2078

72.3336, 0.3302,
0.3682

14.9652, 0.2347,
0.1749

85.5382, 0.3377,
0.3859

11.1657, 0.2163,
0.1431

94.9148, 0.3456,
0.3942

■ 8.2794, 0.1987,
0.1147

■ 96.4968, 0.3514,
0.3930

■ 6.2264, 0.1830,
0.0917

■ 4.9120, 0.1703,
0.0755

■ 4.2306, 0.1620,
0.0666

Harmonies

Analogous

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



40.6072, 0.2852, 0.3002



40.6072, 0.2990, 0.2996



40.6072, 0.3168, 0.3064

Triad

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



40.6072, 0.2990, 0.2996



40.6072, 0.3478, 0.3483



40.6072, 0.2916, 0.3393

Complementary

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



40.6072, 0.2990, 0.2996



49.9608, 0.3255, 0.3575

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.



40.6072, 0.3079, 0.3533



40.6072, 0.2990, 0.2996



40.6072, 0.3406, 0.3582

Square

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



40.6072, 0.2990, 0.2996



40.6072, 0.3454, 0.3339



40.6072, 0.3258, 0.3603



40.6072, 0.2811, 0.3226

Rectangle

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



40.6072, 0.2990, 0.2996



40.6072, 0.3286, 0.3141



40.6072, 0.3258, 0.3603



40.6072, 0.2966, 0.3445

Sweetspot

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



40.6089, 0.2990, 0.2996



87.8239, 0.3093, 0.3216



46.8330, 0.2951, 0.3226



18.9718, 0.3084, 0.3196



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.



40.6089, 0.2990, 0.2996



69.4886, 0.2955, 0.2923



41.8866, 0.3085, 0.3004



9.3268, 0.3018, 0.3055



2.8434, 0.1630, 0.0672



0.1415, 0.1880, 0.0809

Inverse Universe

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



42.4572, 0.3183, 0.3072



73.5483, 0.3197, 0.3020



48.6715, 0.3165, 0.3583



9.6583, 0.3171, 0.3114



8.6920, 0.3871, 0.1906



0.3497, 0.3682, 0.1802

Previews

White Background



This preview shows how the Yxy color 40.6072, 0.2990, 0.2996 looks on a white background.

Color Contrast Check

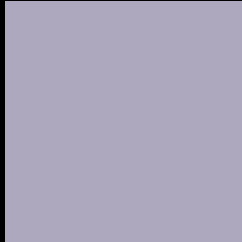
Large Text (above 18pt) WCAG AA × Fail

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 40.6072, 0.2990, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

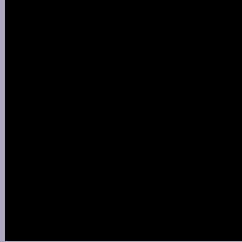
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

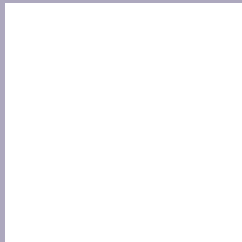
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6072, 0.2990, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 40.6072, 0.2990, 0.2996.



This preview shows how white text looks on a background with the Yxy color 40.6072, 0.2990, 0.2996.

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

40.6072, 0.2990, 0.2996

Protanopia

40.8359, 0.2939, 0.3006

Deuteranopia

40.4551, 0.3034, 0.2973



Tritanopia

40.5655, 0.3038, 0.3100

Trichromacy



Original Color

40.6072, 0.2990, 0.2996

Protanomaly

40.6836, 0.2956, 0.2994

Deuteranomaly

40.5852, 0.3016, 0.2984

Tritanomaly

40.6918, 0.3013, 0.3061

Monochromacy



Original Color

40.6072, 0.2990, 0.2996

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1511, 0.3070, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6072, 0.2990, 0.2996 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(173, 168, 190)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 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(173, 168, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 190) }
```

Border

The CSS property to change the border of an element to Yxy 40.6072, 0.2990, 0.2996 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(173, 168, 190) }
```

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

```
.border{ border-color:rgb(173, 168, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 168, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 168, 190); box-shadow:4px 4px 4px 4px rgb(173, 168, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6072, 0.2990, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 190) }
```

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

```
.background{ background-color: rgb(173,  
168, 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](#).

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