

Converting Colors

$Y_{xy}(40.5983, 0.3124, 0.3194)$

Have a look what the booklet for
Yxy(40.5983, 0.3124, 0.3194)
contains.

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Color

Yxy(40.6245, 0.3123, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	AFA9B0
RGB	175, 169, 176
RGB Percent	69%, 66%, 69%
CMY	0.3136, 0.3373, 0.3098
CMYK	0.01, 0.04, 0.00, 0.31
HSL	292°, 4%, 68%
HSV	292°, 4%, 69%
XYZ	39.7090, 40.6245, 46.8167
YIQ	171.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

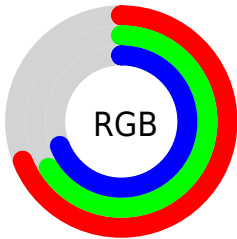
Format	Color
R _{YB}	175, 169, 176
Decimal	11512240
CIE Lab	69.91, 3.47, -2.83
CIE LCh	70, 4.480, 320.831
Yxy	40.6245, 0.3123, 0.3195
Android (android.graphics.Color)	4289702320 (0xFFAFA9B0)
YUV	171.5920, 2.1731, 2.9888
Hunter-Lab	63.7374, -0.3331, 1.0661

Details

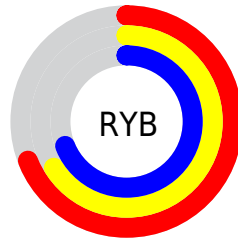
The Yxy color **40.6245, 0.3123, 0.3195** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4508, 0.3131, 0.3386**, and the grayscale version is **41.0294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1264, 0.3124, 0.3206**, and **18.3888, 0.3121, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **34.2388, 0.3110, 0.2948**, and if you desaturate by 10%, it is **47.9000, 0.3133, 0.3430**.

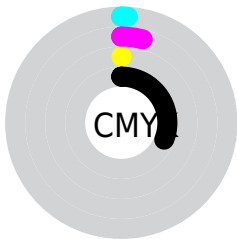
Distribution



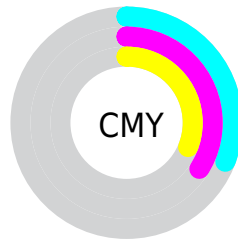
- Red (69%)
- Green (66%)
- Blue (69%)



- Red (69%)
- Yellow (66%)
- Blue (69%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6245, 0.3123, 0.3195 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 40.6245, 0.3123, 0.3195 by changing the saturation by 10% instead.

■ 40.6245, 0.3123,
0.3195

■ 40.6245, 0.3123,
0.3195

348.7488, 0.3125,
0.3243

■ 28.0258, 0.3122,
0.3183

■ 76.1135, 0.3124,
0.3213

■ 18.3451, 0.3121,
0.3167

■ 99.7727, 0.3124,
0.3219

■ 11.1980, 0.3120,
0.3145

127.8874, 0.3124,
0.3225

■ 6.2002, 0.3118,
0.3114

160.8421, 0.3125,
0.3230

■ 2.9672, 0.3115,
0.3067

199.0212, 0.3125,
0.3234

■ 1.1146, 0.3109,
0.2984

242.8091, 0.3125,

■ 0.0000, 0.2875,

0.3237

0.0000

292.5901, 0.3125,
0.3241


 0.0000, 0.0000,
0.0000


 40.6245, 0.3123,
0.3195


 40.6245, 0.3123,
0.3195

 34.2388, 0.3110,
0.2948


 47.9000, 0.3133,
0.3430

 28.7026, 0.3094,
0.2694


 56.0930, 0.3140,
0.3650


 23.9804, 0.3074,
0.2439

 65.2367, 0.3144,
0.3853

 20.0320, 0.3051,
0.2192

 75.3608, 0.3147,
0.4038

 16.8140, 0.3023,
0.1963

 85.2185, 0.3150,
0.4189

■ 14.2785, 0.2993,
0.1761

■ 85.5227, 0.3165,
0.4185

■ 12.3721, 0.2960,
0.1595

■ 85.8319, 0.3180,
0.4181

■ 11.0329, 0.2925,
0.1471

■ 86.1462, 0.3194,
0.4177

■ 10.1871, 0.2891,
0.1390

■ 86.4655, 0.3209,
0.4173

Harmonies

Analogous

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



40.6245, 0.3060, 0.3178



40.6245, 0.3123, 0.3195



40.6245, 0.3188, 0.3237

Triad

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



40.6245, 0.3123, 0.3195



40.6245, 0.3240, 0.3390



40.6245, 0.3019, 0.3286

Complementary

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



40.6245, 0.3123, 0.3195



42.4508, 0.3131, 0.3386

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.



40.6245, 0.3066, 0.3344



40.6245, 0.3123, 0.3195



40.6245, 0.3194, 0.3404

Square

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



40.6245, 0.3123, 0.3195



40.6245, 0.3256, 0.3348



40.6245, 0.3130, 0.3388



40.6245, 0.3000, 0.3230

Rectangle

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



40.6245, 0.3123, 0.3195



40.6245, 0.3223, 0.3273



40.6245, 0.3130, 0.3388



40.6245, 0.3032, 0.3306

Sweetspot

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



40.6262, 0.3123, 0.3195



77.4245, 0.3126, 0.3266



40.3341, 0.3068, 0.3208



16.7946, 0.3126, 0.3267



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.6262, 0.3123, 0.3195



72.3252, 0.3122, 0.3168



40.6406, 0.3152, 0.3228



9.1501, 0.3121, 0.3156



7.2223, 0.2873, 0.1356



0.2433, 0.2973, 0.1411

Inverse Universe

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



40.5027, 0.3183, 0.3277



72.0415, 0.3200, 0.3274



42.4381, 0.3103, 0.3353



9.1105, 0.3207, 0.3272



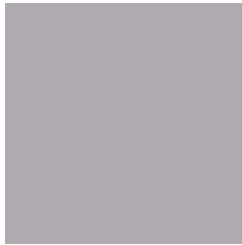
6.8257, 0.6197, 0.3188



0.2207, 0.5598, 0.2857

Previews

White Background



This preview shows how the Yxy color 40.6245, 0.3123, 0.3195 looks on a white background.

Color Contrast Check

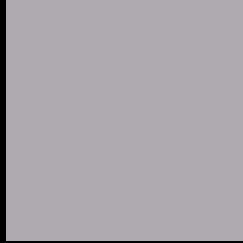
Large Text (above 18pt) WCAG AA × Fail

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 40.6245, 0.3123, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

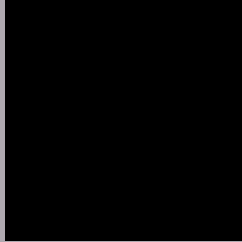
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

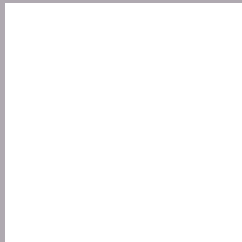
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6245, 0.3123, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 40.6245, 0.3123, 0.3195.



This preview shows how white text looks on a background with the Yxy color 40.6245, 0.3123, 0.3195.

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

40.6245, 0.3123, 0.3195

Protanopia

40.6944, 0.3087, 0.3194

Deuteranopia

40.7610, 0.3208, 0.3145



Tritanopia

40.5716, 0.3090, 0.3115

Trichromacy



Original Color

40.6245, 0.3123, 0.3195

Protanomaly

40.8080, 0.3096, 0.3195

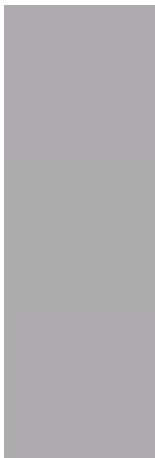
Deuteranomaly

40.6355, 0.3170, 0.3157

Tritanomaly

40.4900, 0.3107, 0.3142

Monochromacy



Original Color

40.6245, 0.3123, 0.3195

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0272, 0.3128, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6245, 0.3123, 0.3195 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, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 176)  
}
```

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, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 176) }
```

Border

The CSS property to change the border of an element to Yxy 40.6245, 0.3123, 0.3195 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, 169, 176) }
```

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

```
.border{ border-color:rgb(175, 169, 176) }
```

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

Here you see how a box with a 4 pixel rgb(175, 169, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 169,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6245, 0.3123, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 176) }
```

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

```
.background{ background-color: rgb(175,  
169, 176) }
```

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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