

Converting Colors

$Y_{xy}(40.1804, 0.3199, 0.3614)$

Have a look what the booklet for
Yxy(40.1804, 0.3199, 0.3614)
contains.

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Color

Yxy(40.1162, 0.3193, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	A1AE98
RGB	161, 174, 152
RGB Percent	63%, 68%, 60%
CMY	0.3686, 0.3176, 0.4040
CMYK	0.07, 0.00, 0.13, 0.32
HSL	95°, 12%, 64%
HSV	95°, 13%, 68%
XYZ	35.5019, 40.1162, 35.5687
YIQ	167.6050, -0.6860, -9.5980

Conversions

Conversions Part 2

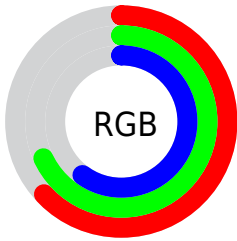
Format	Color
RYB	152, 174, 165
Decimal	10595992
CIELab	69.55, -8.67, 9.76
CIElCh	70, 13.058, 131.617
Yxy	40.1162, 0.3193, 0.3608
Android (android.graphics.Color)	4288786072 (0xFFA1AE98)
YUV	167.6050, -7.6933, -5.7926
Hunter-Lab	63.3374, -10.7873, 11.0404

Details

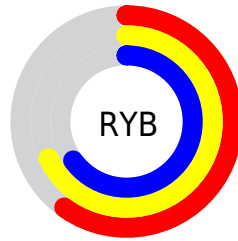
The Yxy color **40.1162, 0.3193, 0.3608** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5022, 0.3054, 0.2976**, and the grayscale version is **38.9940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0938, 0.3184, 0.3544**, and **18.1099, 0.3206, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **38.5660, 0.3243, 0.3885**, and if you desaturate by 10%, it is **41.8410, 0.3141, 0.3354**.

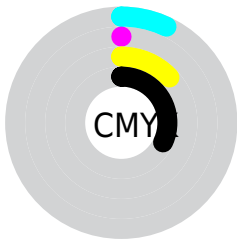
Distribution



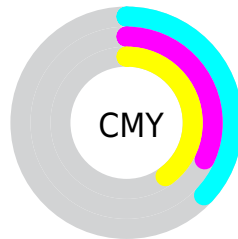
- Red (63%)
- Green (68%)
- Blue (60%)



- Red (60%)
- Yellow (68%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)





- Cyan (37%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1162, 0.3193, 0.3608 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 40.1162, 0.3193, 0.3608 by changing the saturation by 10% instead.


 40.1162, 0.3193,
0.3608


 40.1162, 0.3193,
0.3608


346.6131, 0.3161,
0.3442

 27.6292, 0.3201,
0.3652


 75.3404, 0.3181,
0.3546

 18.0463, 0.3211,
0.3709


 98.8464, 0.3177,
0.3523

 10.9832, 0.3224,
0.3788


126.7941, 0.3173,
0.3504

 6.0556, 0.3241,
0.3904

159.5680, 0.3170,
0.3488

 2.8789, 0.3264,
0.4090

197.5525, 0.3167,
0.3474

 1.0688, 0.3403,
0.4585

241.1319, 0.3165,

 0.0000, 0.0000,

0.3462

0.0000

290.6906, 0.3163,
0.3452

■ 40.1162, 0.3193,
0.3608

■ 40.1162, 0.3193,
0.3608

■ 38.5660, 0.3243,
0.3885

■ 41.8410, 0.3141,
0.3354

■ 37.1796, 0.3289,
0.4180

■ 43.7407, 0.3089,
0.3123

■ 35.9525, 0.3327,
0.4485

■ 45.8222, 0.3038,
0.2916

■ 34.8784, 0.3354,
0.4791

■ 48.0904, 0.2990,
0.2732

■ 33.9502, 0.3366,
0.5082

■ 50.5500, 0.2944,
0.2568

■ 33.1603, 0.3360,
0.5343

■ 53.1164, 0.2911,
0.2435

■ 32.5001, 0.3335,
0.5556

■ 54.7924, 0.2990,
0.2455

■ 31.9600, 0.3293,
0.5712

■ 56.5689, 0.3071,
0.2475

■ 31.6268, 0.3256,
0.5797

■ 58.4475, 0.3152,
0.2495

Harmonies

Analogous

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



40.1162, 0.3371, 0.3624



40.1162, 0.3193, 0.3608



40.1162, 0.3002, 0.3499

Triad

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



40.1162, 0.3193, 0.3608



40.1162, 0.2780, 0.3025



40.1162, 0.3413, 0.3242

Complementary

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



40.1162, 0.3193, 0.3608



33.5022, 0.3054, 0.2976

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.



40.1162, 0.3247, 0.3094



40.1162, 0.3193, 0.3608



40.1162, 0.2883, 0.2969

Square

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



40.1162, 0.3193, 0.3608



40.1162, 0.2767, 0.3155



40.1162, 0.3052, 0.2995



40.1162, 0.3501, 0.3406

Rectangle

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



40.1162, 0.3193, 0.3608



40.1162, 0.2892, 0.3390



40.1162, 0.3052, 0.2995



40.1162, 0.3365, 0.3189

Sweetspot

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



40.1179, 0.3193, 0.3608



75.4319, 0.3148, 0.3388



38.1131, 0.3329, 0.3472



16.7122, 0.3152, 0.3407



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.



40.1179, 0.3193, 0.3608



72.0038, 0.3206, 0.3678



39.2736, 0.3097, 0.3588



9.0937, 0.3176, 0.3520



22.9714, 0.3264, 0.5791



0.6716, 0.3521, 0.5586

Inverse Universe

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



33.5022, 0.3054, 0.2976



57.7865, 0.3036, 0.2908



34.4340, 0.3158, 0.3009



7.9818, 0.3075, 0.3062



4.3275, 0.2224, 0.0999



0.1514, 0.2525, 0.1165

Previews

White Background



This preview shows how the Yxy color 40.1162, 0.3193, 0.3608 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 40.1162, 0.3193, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

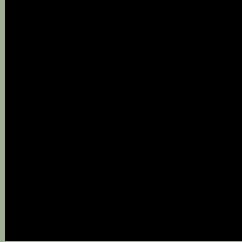
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

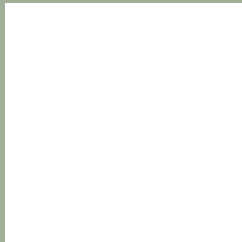
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.1162, 0.3193, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 40.1162, 0.3193, 0.3608.



This preview shows how white text looks on a background with the Yxy color 40.1162, 0.3193, 0.3608.

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

40.1162, 0.3193, 0.3608

Protanopia

39.8930, 0.3377, 0.3569

Deuteranopia

40.0905, 0.3488, 0.3424



Tritanopia

40.2753, 0.2985, 0.3111

Trichromacy



Original Color

40.1162, 0.3193, 0.3608

Protanomaly

39.9858, 0.3307, 0.3587

Deuteranomaly

40.1289, 0.3381, 0.3496

Tritanomaly

39.9969, 0.3056, 0.3276

Monochromacy



Original Color

40.1162, 0.3193, 0.3608

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3574, 0.3149, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1162, 0.3193, 0.3608 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(161, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(161, 174, 152)  
}
```

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(161, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 174, 152) }
```

Border

The CSS property to change the border of an element to Yxy 40.1162, 0.3193, 0.3608 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(161, 174, 152) }
```

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

```
.border{ border-color:rgb(161, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 174, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 174, 152); box-shadow:4px 4px 4px 4px rgb(161, 174, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1162, 0.3193, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 174, 152) }
```

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

```
.background{ background-color: rgb(161,  
174, 152) }
```

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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