

Converting Colors

$Yxy(40.9857, 0.3110, 0.3460)$

Have a look what the booklet for
Yxy(40.9857, 0.3110, 0.3460)
contains.

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Color

Yxy(40.9857, 0.3110, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	A2AFA3
RGB	162, 175, 163
RGB Percent	64%, 69%, 64%
CMY	0.3648, 0.3137, 0.3607
CMYK	0.07, 0.00, 0.07, 0.31
HSL	125°, 8%, 66%
HSV	125°, 7%, 69%
XYZ	36.8397, 40.9857, 40.6303
YIQ	169.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

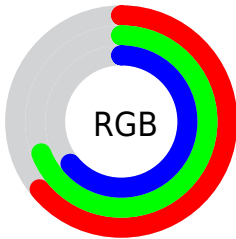
Format	Color
RYB	162, 174, 175
Decimal	10661795
CIELab	70.17, -6.85, 4.57
CIELCh	70, 8.237, 146.269
Yxy	40.9857, 0.3110, 0.3460
Android (android.graphics.Color)	4288851875 (0xFFA2AFA3)
YUV	169.7450, -3.3253, -6.7924
Hunter-Lab	64.0201, -9.3190, 7.1857

Details

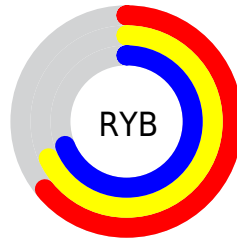
The Yxy color $40.9857, 0.3110, 0.3460$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.0034, 0.3145, 0.3126$, and the grayscale version is $40.0833, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9655, 0.3114, 0.3431$, and $18.6286, 0.3104, 0.3529$ is the 20% darker color. If you saturate the color by 10%, you get $38.7397, 0.3086, 0.3715$, and if you desaturate by 10%, it is $43.5638, 0.3133, 0.3235$.

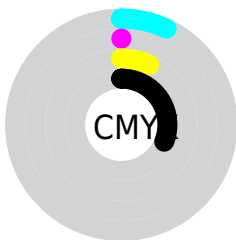
Distribution



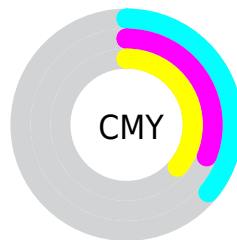
- Red (64%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (68%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)





- Cyan (36%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9857, 0.3110, 0.3460 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 40.9857, 0.3110, 0.3460 by changing the saturation by 10% instead.


 40.9857, 0.3110,
0.3460

 40.9857, 0.3110,
0.3460


350.2608, 0.3119,
0.3372

 28.3079, 0.3107,
0.3483


 76.6622, 0.3114,
0.3427

 18.5579, 0.3104,
0.3513


 100.4297, 0.3115,
0.3415

 11.3513, 0.3099,
0.3554


128.6625, 0.3116,
0.3405

 6.3036, 0.3092,
0.3614

161.7451, 0.3117,
0.3397

 3.0306, 0.3080,
0.3708

200.0618, 0.3118,
0.3389

 1.1477, 0.3057,
0.3881

243.9971, 0.3118,

 0.0184, 0.0000,

0.3383

1.0000

293.9353, 0.3119,
0.3377

■ 0.0000, 0.0000,
0.0000

■ 40.9857, 0.3110,
0.3460

■ 40.9857, 0.3110,
0.3460

■ 38.7397, 0.3086,
0.3715

■ 43.5638, 0.3133,
0.3235

■ 36.8072, 0.3061,
0.4001

■ 46.4811, 0.3154,
0.3040

■ 35.1760, 0.3037,
0.4312

■ 49.7512, 0.3174,
0.2871

■ 33.8307, 0.3015,
0.4641

■ 53.3854, 0.3192,
0.2725

■ 32.7549, 0.2997,
0.4973

■ 57.3945, 0.3208,
0.2600

■ 31.9304, 0.2983,
0.5288

■ 59.1428, 0.3164,
0.2508

■ 31.3366, 0.2977,
0.5564

■ 30.9499, 0.2978,
0.5778

■ 30.7358, 0.2985,
0.5919

Harmonies

Analogous

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



40.9857, 0.3230, 0.3500



40.9857, 0.3110, 0.3460



40.9857, 0.2997, 0.3372

Triad

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



40.9857, 0.3110, 0.3460



40.9857, 0.2933, 0.3100



40.9857, 0.3340, 0.3312

Complementary

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



40.9857, 0.3110, 0.3460



38.0034, 0.3145, 0.3126

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.



40.9857, 0.3258, 0.3210



40.9857, 0.3110, 0.3460



40.9857, 0.3022, 0.3088

Square

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



40.9857, 0.3110, 0.3460



40.9857, 0.2896, 0.3162



40.9857, 0.3141, 0.3128



40.9857, 0.3364, 0.3412

Rectangle

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



40.9857, 0.3110, 0.3460



40.9857, 0.2939, 0.3299



40.9857, 0.3141, 0.3128



40.9857, 0.3318, 0.3277

Sweetspot

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



40.9875, 0.3110, 0.3460



75.8209, 0.3123, 0.3335



42.2855, 0.3227, 0.3469



16.8633, 0.3123, 0.3332



89.0005, 0.3127, 0.3290



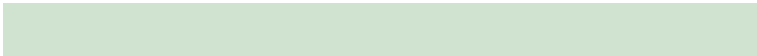
17.0645, 0.3127, 0.3290

Same Dimension

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



40.9875, 0.3110, 0.3460



72.6698, 0.3106, 0.3502



41.2205, 0.3059, 0.3369



8.9494, 0.3106, 0.3505



21.9832, 0.2982, 0.5935



0.6148, 0.2907, 0.5666

Inverse Universe

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



38.0034, 0.3145, 0.3126



66.1718, 0.3149, 0.3087



37.7621, 0.3201, 0.3212



8.1368, 0.3149, 0.3084



8.3736, 0.3418, 0.1656



0.2361, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 40.9857, 0.3110, 0.3460 looks on a white background.

Color Contrast Check

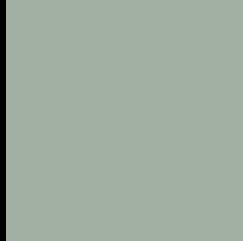
Large Text (above 18pt) WCAG AA × Fail

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 40.9857, 0.3110, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

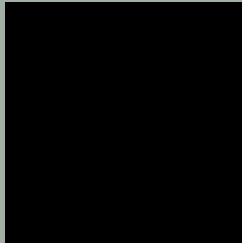
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9857, 0.3110, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 40.9857, 0.3110, 0.3460.



This preview shows how white text looks on a background with the Yxy color 40.9857, 0.3110, 0.3460.

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

40.9857, 0.3110, 0.3460

Protanopia

41.0461, 0.3267, 0.3428

Deuteranopia

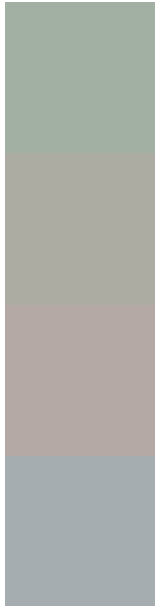
40.9362, 0.3363, 0.3304



Tritanopia

41.1148, 0.2970, 0.3112

Trichromacy



Original Color

40.9857, 0.3110, 0.3460

Protanomaly

40.8843, 0.3211, 0.3429

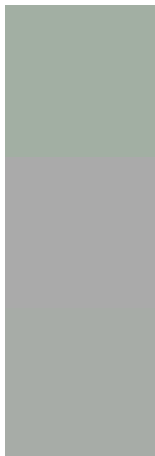
Deuteranomaly

40.7596, 0.3272, 0.3358

Tritanomaly

41.0608, 0.3024, 0.3234

Monochromacy



Original Color

40.9857, 0.3110, 0.3460

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5106, 0.3124, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9857, 0.3110, 0.3460 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(162, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 163)  
}
```

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(162, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.9857, 0.3110, 0.3460 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(162, 175, 163) }
```

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

```
.border{ border-color:rgb(162, 175, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 175, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9857, 0.3110, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 163) }
```

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

```
.background{ background-color: rgb(162,  
175, 163) }
```

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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