

Converting Colors

$Y_{xy}(40.8570, 0.3246, 0.3508)$

Have a look what the booklet for
Yxy(40.8570, 0.3246, 0.3508)
contains.

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Color

Yxy(40.9794, 0.3243, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	ABAD9D
RGB	171, 173, 157
RGB Percent	67%, 68%, 62%
CMY	0.3295, 0.3215, 0.3843
CMYK	0.01, 0.00, 0.09, 0.32
HSL	68°, 9%, 65%
HSV	68°, 9%, 68%
XYZ	37.8191, 40.9794, 37.8191
YIQ	170.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

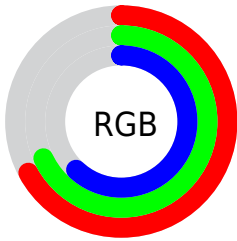
Format	Color
RYB	157, 173, 159
Decimal	11251101
CIELab	70.16, -3.63, 7.97
CIElCh	70, 8.754, 114.489
Yxy	40.9794, 0.3243, 0.3514
Android (android.graphics.Color)	4289441181 (0xFFABAD9D)
YUV	170.5780, -6.6940, 0.3701
Hunter-Lab	64.0152, -6.5718, 9.7831

Details

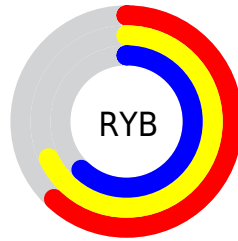
The Yxy color $40.9794, 0.3243, 0.3514$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.5121, 0.3005, 0.3058$, and the grayscale version is $40.5337, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4090, 0.3217, 0.3462$, and $18.6373, 0.3277, 0.3583$ is the 20% darker color. If you saturate the color by 10%, you get $40.1850, 0.3371, 0.3766$, and if you desaturate by 10%, it is $41.8652, 0.3118, 0.3272$.

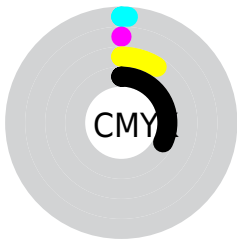
Distribution



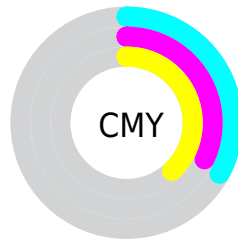
- Red (67%)
- Green (68%)
- Blue (62%)



- Red (62%)
- Yellow (68%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (32%)





- Cyan (33%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9794, 0.3243, 0.3514 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 40.9794, 0.3243, 0.3514 by changing the saturation by 10% instead.


 40.9794, 0.3243,
0.3514

 40.9794, 0.3243,
0.3514


350.2345, 0.3184,
0.3399

 28.3030, 0.3258,
0.3544


 76.6526, 0.3221,
0.3471

 18.5542, 0.3277,
0.3583


 100.4182, 0.3213,
0.3455

 11.3486, 0.3303,
0.3636


128.6490, 0.3207,
0.3442

 6.3018, 0.3340,
0.3713

161.7294, 0.3201,
0.3431

 3.0295, 0.3396,
0.3834

200.0437, 0.3196,
0.3421

 1.1471, 0.3526,
0.4092

243.9764, 0.3192,

 0.0179, 0.0000,

0.3413

1.0000

293.9119, 0.3188,
0.3405

0.0000, 0.0000,
0.0000

40.9794, 0.3243,
0.3514

40.9794, 0.3243,
0.3514

40.1850, 0.3371,
0.3766

41.8652, 0.3118,
0.3272

39.4731, 0.3497,
0.4022

42.8405, 0.2998,
0.3044

38.8418, 0.3618,
0.4274

43.9100, 0.2885,
0.2833

38.2870, 0.3728,
0.4514

45.0768, 0.2779,
0.2638

37.8043, 0.3822,
0.4731

46.3437, 0.2681,
0.2461

■ 37.3887, 0.3895,
0.4915

■ 47.3330, 0.2626,
0.2354

■ 37.0347, 0.3945,
0.5060

■ 47.6089, 0.2642,
0.2357

■ 36.7358, 0.3968,
0.5161

■ 47.8892, 0.2658,
0.2361

■ 36.4791, 0.3971,
0.5225

■ 48.1737, 0.2674,
0.2365

Harmonies

Analogous

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



40.9794, 0.3340, 0.3490



40.9794, 0.3243, 0.3514



40.9794, 0.3116, 0.3475

Triad

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



40.9794, 0.3243, 0.3514



40.9794, 0.2881, 0.3159



40.9794, 0.3259, 0.3199

Complementary

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



40.9794, 0.3243, 0.3514



34.5121, 0.3005, 0.3058

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.



40.9794, 0.3134, 0.3115



40.9794, 0.3243, 0.3514



40.9794, 0.2917, 0.3090

Square

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



40.9794, 0.3243, 0.3514



40.9794, 0.2909, 0.3267



40.9794, 0.3009, 0.3075



40.9794, 0.3350, 0.3307

Rectangle

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



40.9794, 0.3243, 0.3514



40.9794, 0.3033, 0.3418



40.9794, 0.3009, 0.3075



40.9794, 0.3220, 0.3167

Sweetspot

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



40.9812, 0.3243, 0.3514



74.3449, 0.3165, 0.3363



36.0747, 0.3283, 0.3317



16.1294, 0.3175, 0.3382



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



40.9812, 0.3243, 0.3514



73.0937, 0.3268, 0.3562



40.1289, 0.3171, 0.3519



9.2775, 0.3244, 0.3515



26.7983, 0.3973, 0.5227



0.7597, 0.4044, 0.5171

Inverse Universe

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



34.5121, 0.3005, 0.3058



59.2594, 0.2978, 0.3007



35.3376, 0.3079, 0.3064



7.8045, 0.3005, 0.3057



2.3575, 0.1556, 0.0631



0.0806, 0.1759, 0.0743

Previews

White Background



This preview shows how the Yxy color 40.9794, 0.3243, 0.3514 looks on a white background.

Color Contrast Check

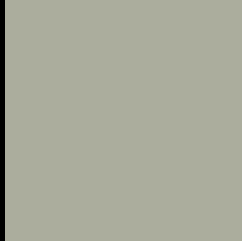
Large Text (above 18pt) WCAG AA × Fail

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 40.9794, 0.3243, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

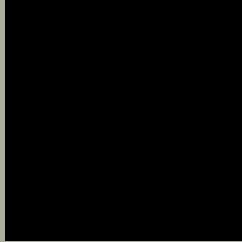
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

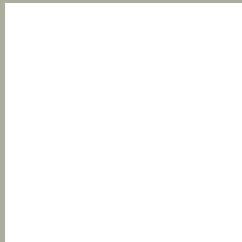
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9794, 0.3243, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 40.9794, 0.3243, 0.3514.



This preview shows how white text looks on a background with the Yxy color 40.9794, 0.3243, 0.3514.

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

40.9794, 0.3243, 0.3514

Protanopia

40.9911, 0.3320, 0.3497

Deuteranopia

40.7509, 0.3449, 0.3370



Tritanopia

40.9088, 0.3064, 0.3102

Trichromacy



Original Color

40.9794, 0.3243, 0.3514

Protanomaly

41.0193, 0.3291, 0.3512

Deuteranomaly

40.7882, 0.3375, 0.3425

Tritanomaly

40.8041, 0.3130, 0.3235

Monochromacy



Original Color

40.9794, 0.3243, 0.3514

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9161, 0.3168, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9794, 0.3243, 0.3514 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(171, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 157)  
}
```

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(171, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 157) }
```

Border

The CSS property to change the border of an element to Yxy 40.9794, 0.3243, 0.3514 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(171, 173, 157) }
```

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

```
.border{ border-color:rgb(171, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9794, 0.3243, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 157) }
```

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

```
.background{ background-color: rgb(171,  
173, 157) }
```

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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