

Converting Colors

$Y_{xy}(40.8831, 0.3023, 0.3414)$

Have a look what the booklet for
Yxy(40.8831, 0.3023, 0.3414)
contains.

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Color

Yxy(40.9086, 0.3026, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	9CB0A7
RGB	156, 176, 167
RGB Percent	61%, 69%, 65%
CMY	0.3883, 0.3098, 0.3452
CMYK	0.11, 0.00, 0.05, 0.31
HSL	153°, 11%, 65%
HSV	153°, 11%, 69%
XYZ	36.2063, 40.9086, 42.5359
YIQ	168.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

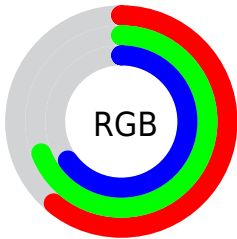
Format	Color
RYB	156, 169, 176
Decimal	10268839
CIELab	70.11, -8.72, 2.26
CIELCh	70, 9.008, 165.444
Yxy	40.9086, 0.3026, 0.3419
Android (android.graphics.Color)	4288458919 (0xFF9CB0A7)
YUV	168.9940, -0.9830, -11.3957
Hunter-Lab	63.9598, -10.8846, 5.3417

Details

The Yxy color **40.9086, 0.3026, 0.3419** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7197, 0.3241, 0.3165**, and the grayscale version is **39.6801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8360, 0.3048, 0.3399**, and **18.4070, 0.3000, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **38.9954, 0.2940, 0.3546**, and if you desaturate by 10%, it is **43.0977, 0.3115, 0.3305**.

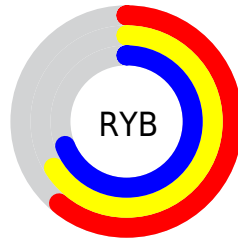
Distribution



Red (61%)

Green (69%)

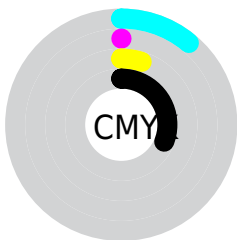
Blue (65%)



Red (61%)

Yellow (66%)

Blue (69%)

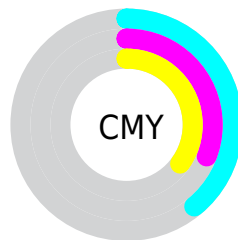


Cyan (11%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (39%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9086, 0.3026, 0.3419 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 40.9086, 0.3026, 0.3419 by changing the saturation by 10% instead.


 40.9086, 0.3026,
0.3419

 40.9086, 0.3026,
0.3419


349.9385, 0.3078,
0.3353

 28.2477, 0.3013,
0.3436


 76.5451, 0.3045,
0.3394

 18.5124, 0.2995,
0.3459


 100.2895, 0.3052,
0.3385

 11.3185, 0.2971,
0.3490


128.4972, 0.3058,
0.3378

 6.2815, 0.2936,
0.3535

161.5525, 0.3063,
0.3371

 3.0170, 0.2882,
0.3605

199.8399, 0.3068,
0.3366

 1.1406, 0.2786,
0.3733

243.7438, 0.3072,

 0.0124, 0.0000,

0.3361

1.0000

293.6485, 0.3075,
0.3356

0.0000, 0.0000,
0.0000

40.9086, 0.3026,
0.3419

40.9086, 0.3026,
0.3419

38.9954, 0.2940,
0.3546

43.0977, 0.3115,
0.3305

37.3417, 0.2860,
0.3686

45.5681, 0.3205,
0.3203

35.9372, 0.2788,
0.3837

48.3315, 0.3294,
0.3113

34.7690, 0.2727,
0.3999

51.3974, 0.3381,
0.3033

33.8228, 0.2682,
0.4168

54.7747, 0.3465,
0.2963

■ 33.0829, 0.2653,
0.4343

■ 57.2010, 0.3491,
0.2895

■ 32.5313, 0.2644,
0.4518

■ 57.6181, 0.3423,
0.2817

■ 32.1467, 0.2655,
0.4690

■ 58.0553, 0.3357,
0.2740

■ 31.9111, 0.2676,
0.4833

■ 58.5128, 0.3293,
0.2666

Harmonies

Analogous

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



40.9086, 0.3156, 0.3499



40.9086, 0.3026, 0.3419



40.9086, 0.2924, 0.3303

Triad

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



40.9086, 0.3026, 0.3419



40.9086, 0.2972, 0.3067



40.9086, 0.3385, 0.3386

Complementary

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



40.9086, 0.3026, 0.3419



35.7197, 0.3241, 0.3165

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.



40.9086, 0.3334, 0.3273



40.9086, 0.3026, 0.3419



40.9086, 0.3094, 0.3092

Square

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



40.9086, 0.3026, 0.3419



40.9086, 0.2893, 0.3100



40.9086, 0.3226, 0.3166



40.9086, 0.3366, 0.3477

Rectangle

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



40.9086, 0.3026, 0.3419



40.9086, 0.2885, 0.3223



40.9086, 0.3226, 0.3166



40.9086, 0.3376, 0.3349

Sweetspot

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



40.9103, 0.3026, 0.3419



77.4553, 0.3100, 0.3323



41.4893, 0.3197, 0.3574



16.7149, 0.3093, 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.



40.9103, 0.3026, 0.3419



73.1428, 0.3001, 0.3454



40.9949, 0.2956, 0.3280



9.5655, 0.3044, 0.3395



23.4225, 0.2671, 0.4816



0.7485, 0.2540, 0.4344

Inverse Universe

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



35.7197, 0.3241, 0.3165



61.5876, 0.3274, 0.3132



35.6269, 0.3326, 0.3300



8.5669, 0.3219, 0.3188



7.2020, 0.5133, 0.2601



0.2384, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 40.9086, 0.3026, 0.3419 looks on a white background.

Color Contrast Check

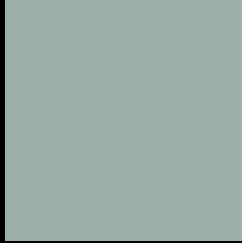
Large Text (above 18pt) WCAG AA × Fail

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 40.9086, 0.3026, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

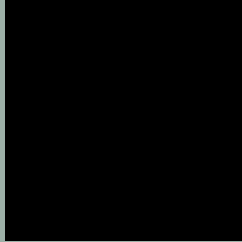
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

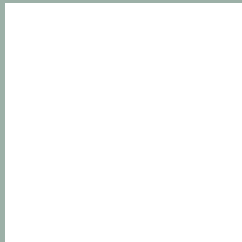
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9086, 0.3026, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 40.9086, 0.3026, 0.3419.



This preview shows how white text looks on a background with the Yxy color 40.9086, 0.3026, 0.3419.

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

40.9086, 0.3026, 0.3419

Protanopia

40.6599, 0.3233, 0.3373

Deuteranopia

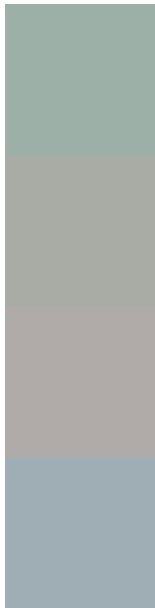
40.8284, 0.3307, 0.3251



Tritanopia

40.8459, 0.2896, 0.3096

Trichromacy



Original Color

40.9086, 0.3026, 0.3419

Protanomaly

40.6567, 0.3159, 0.3388

Deuteranomaly

40.8067, 0.3199, 0.3318

Tritanomaly

40.8365, 0.2942, 0.3205

Monochromacy



Original Color

40.9086, 0.3026, 0.3419

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2247, 0.3089, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9086, 0.3026, 0.3419 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(156, 176, 167)` looks like.

```
.text, #text, p{  
    color:rgb(156, 176, 167)  
}
```

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(156, 176, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 176, 167) }
```

Border

The CSS property to change the border of an element to Yxy 40.9086, 0.3026, 0.3419 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(156, 176, 167) }
```

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

```
.border{ border-color:rgb(156, 176, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 176, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 176, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 176, 167);  
box-shadow:4px 4px 4px 4px rgb(156, 176,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9086, 0.3026, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 176, 167) }
```

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

```
.background{ background-color: rgb(156,  
176, 167) }
```

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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