

Converting Colors

$Y_{xy}(40.2753, 0.3104, 0.3435)$

Have a look what the booklet for
Yxy(40.2753, 0.3104, 0.3435)
contains.

Yxy(40.1086, 0.3103, 0.3433)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.1086, 0.3103, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	A1ADA3
RGB	161, 173, 163
RGB Percent	63%, 68%, 64%
CMY	0.3686, 0.3216, 0.3609
CMYK	0.07, 0.00, 0.06, 0.32
HSL	130°, 7%, 65%
HSV	130°, 7%, 68%
XYZ	36.2531, 40.1086, 40.4708
YIQ	168.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

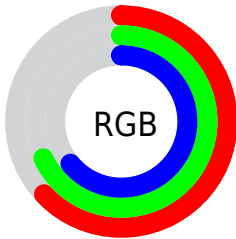
Format	Color
RYB	161, 171, 173
Decimal	10595747
CIELab	69.55, -6.13, 3.70
CIELCh	70, 7.155, 148.906
Yxy	40.1086, 0.3103, 0.3433
Android (android.graphics.Color)	4288785827 (0xFFA1ADA3)
YUV	168.2720, -2.5991, -6.3775
Hunter-Lab	63.3314, -8.6501, 6.4437

Details

The Yxy color $40.1086, 0.3103, 0.3433$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.3219, 0.3152, 0.3151$, and the grayscale version is $39.3143, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.1477, 0.3108, 0.3399$, and $18.0737, 0.3093, 0.3491$ is the 20% darker color. If you saturate the color by 10%, you get $37.9461, 0.3068, 0.3663$, and if you desaturate by 10%, it is $42.5826, 0.3138, 0.3231$.

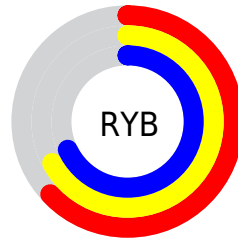
Distribution



Red (63%)

Green (68%)

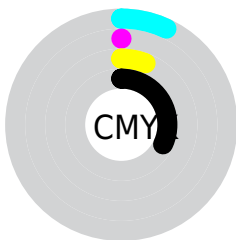
Blue (64%)



Red (63%)

Yellow (67%)

Blue (68%)

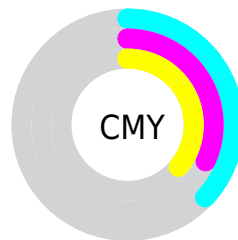


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (32%)



Cyan (37%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1086, 0.3103, 0.3433 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 40.1086, 0.3103, 0.3433 by changing the saturation by 10% instead.


 40.1086, 0.3103,
0.3433


 40.1086, 0.3103,
0.3433


346.5811, 0.3116,
0.3359

 27.6232, 0.3100,
0.3452


 75.3289, 0.3108,
0.3406

 18.0418, 0.3095,
0.3478


 98.8325, 0.3110,
0.3395

 10.9800, 0.3089,
0.3513


126.7778, 0.3111,
0.3387

 6.0534, 0.3079,
0.3563

159.5489, 0.3112,
0.3380

 2.8776, 0.3064,
0.3644

197.5305, 0.3113,
0.3373

 1.0682, 0.3037,
0.3794

241.1067, 0.3114,

 0.0000, 0.0000,

0.3368

0.0000

290.6622, 0.3115,
0.3363

■ 40.1086, 0.3103,
0.3433

■ 40.1086, 0.3103,
0.3433

■ 37.9461, 0.3068,
0.3663

■ 42.5826, 0.3138,
0.3231

■ 36.0777, 0.3032,
0.3919

■ 45.3744, 0.3171,
0.3054

■ 34.4923, 0.2999,
0.4200

■ 48.4966, 0.3202,
0.2900

■ 33.1759, 0.2970,
0.4501

■ 51.9595, 0.3231,
0.2767

■ 32.1134, 0.2947,
0.4809

■ 55.7730, 0.3259,
0.2652

■ 31.2883, 0.2933,
0.5112

■ 58.0367, 0.3205,
0.2534

■ 30.6819, 0.2930,
0.5391

■ 58.3679, 0.3165,
0.2488

■ 30.2727, 0.2938,
0.5627

■ 30.0307, 0.2954,
0.5806

Harmonies

Analogous

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



40.1086, 0.3208, 0.3472



40.1086, 0.3103, 0.3433



40.1086, 0.3005, 0.3353

Triad

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



40.1086, 0.3103, 0.3433



40.1086, 0.2963, 0.3121



40.1086, 0.3317, 0.3318

Complementary

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



40.1086, 0.3103, 0.3433



37.3219, 0.3152, 0.3151

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.



40.1086, 0.3249, 0.3227



40.1086, 0.3103, 0.3433



40.1086, 0.3044, 0.3114

Square

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



40.1086, 0.3103, 0.3433



40.1086, 0.2925, 0.3172



40.1086, 0.3149, 0.3153



40.1086, 0.3333, 0.3404

Rectangle

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



40.1086, 0.3103, 0.3433



40.1086, 0.2957, 0.3289



40.1086, 0.3149, 0.3153



40.1086, 0.3300, 0.3287

Sweetspot

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



40.1103, 0.3103, 0.3433



73.9301, 0.3120, 0.3331



41.1426, 0.3211, 0.3457



16.0775, 0.3121, 0.3328



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.



40.1103, 0.3103, 0.3433



71.3352, 0.3099, 0.3459



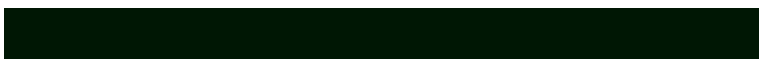
40.3241, 0.3056, 0.3349



8.9600, 0.3095, 0.3485



22.0252, 0.2955, 0.5836



0.6190, 0.2822, 0.5359

Inverse Universe

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



37.3219, 0.3152, 0.3151



65.5150, 0.3157, 0.3126



37.1044, 0.3204, 0.3232



8.1252, 0.3161, 0.3102



8.0285, 0.3664, 0.1792



0.2292, 0.3505, 0.1705

Previews

White Background



This preview shows how the Yxy color 40.1086, 0.3103, 0.3433 looks on a white background.

Color Contrast Check

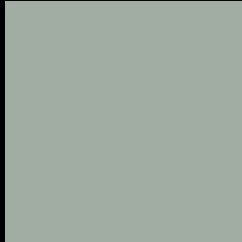
Large Text (above 18pt) WCAG AA × Fail

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 40.1086, 0.3103, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

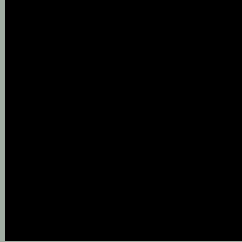
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1086, 0.3103, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 40.1086, 0.3103, 0.3433.



This preview shows how white text looks on a background with the Yxy color 40.1086, 0.3103, 0.3433.

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

40.1086, 0.3103, 0.3433

Protanopia

40.0631, 0.3251, 0.3401

Deuteranopia

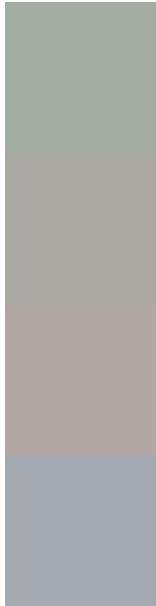
39.9589, 0.3347, 0.3277



Tritanopia

40.0609, 0.2968, 0.3110

Trichromacy



Original Color

40.1086, 0.3103, 0.3433

Protanomaly

39.9041, 0.3195, 0.3402

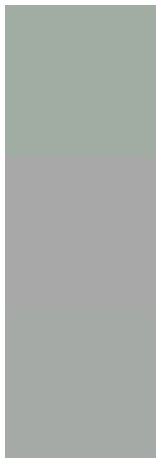
Deuteranomaly

39.7827, 0.3256, 0.3331

Tritanomaly

40.0469, 0.3015, 0.3220

Monochromacy



Original Color

40.1086, 0.3103, 0.3433

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.5020, 0.3115, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1086, 0.3103, 0.3433 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, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(161, 173, 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(161, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 173, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.1086, 0.3103, 0.3433 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, 173, 163) }
```

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

```
.border{ border-color:rgb(161, 173, 163) }
```

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

Here you see how a box with a 4 pixel rgb(161, 173, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(161, 173,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1086, 0.3103, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 173, 163) }
```

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

```
.background{ background-color: rgb(161,  
173, 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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