

Converting Colors

$Yxy(40.2124, 0.3014, 0.3493)$

Have a look what the booklet for
Yxy(40.2124, 0.3014, 0.3493)
contains.

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Color

Yxy(40.1433, 0.3014, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	96B0A2
RGB	150, 176, 162
RGB Percent	59%, 69%, 64%
CMY	0.4119, 0.3097, 0.3648
CMYK	0.15, 0.00, 0.08, 0.31
HSL	148°, 14%, 64%
HSV	148°, 15%, 69%
XYZ	34.6186, 40.1433, 40.0974
YIQ	166.6300, -11.0020, -9.8660

Conversions

Conversions Part 2

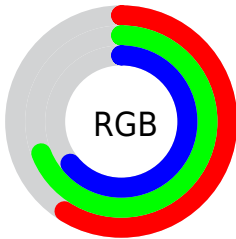
Format	Color
R _Y B	150, 168, 176
Decimal	9875618
CIE Lab	69.57, -11.77, 4.18
CIE LCh	70, 12.488, 160.438
Yxy	40.1433, 0.3014, 0.3495
Android (android.graphics.Color)	4288065698 (0xFF96B0A2)
YUV	166.6300, -2.2826, -14.5845
Hunter-Lab	63.3587, -13.3472, 6.8287

Details

The Yxy color $40.1433, 0.3014, 0.3495$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $33.7142, 0.3258, 0.3094$, and the grayscale version is $38.4671, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5603, 0.3032, 0.3457$, and $17.9444, 0.2984, 0.3560$ is the 20% darker color. If you saturate the color by 10%, you get $38.2746, 0.2941, 0.3653$, and if you desaturate by 10%, it is $42.2916, 0.3090, 0.3353$.

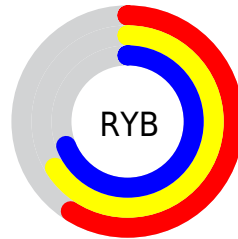
Distribution



Red (59%)

Green (69%)

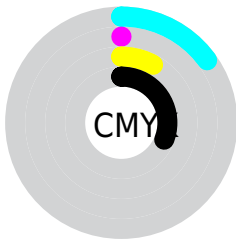
Blue (64%)



Red (59%)

Yellow (66%)

Blue (69%)

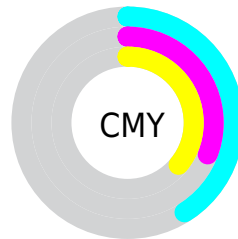


Cyan (15%)

Magenta (0%)

Yellow (8%)

Black (31%)



Cyan (41%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1433, 0.3014, 0.3495 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 40.1433, 0.3014, 0.3495 by changing the saturation by 10% instead.


 40.1433, 0.3014,
0.3495


 40.1433, 0.3014,
0.3495

346.7272, 0.3073,
0.3389

 27.6503, 0.2999,
0.3523


 75.3817, 0.3036,
0.3455

 18.0622, 0.2978,
0.3560


 98.8958, 0.3044,
0.3441

 10.9947, 0.2951,
0.3611


126.8525, 0.3051,
0.3428

 6.0632, 0.2910,
0.3685

159.6361, 0.3056,
0.3418

 2.8836, 0.2845,
0.3804

197.6309, 0.3061,
0.3409

 1.0713, 0.2714,
0.4039

241.2215, 0.3066,

 0.0000, 0.0000,

0.3401

0.0000

290.7921, 0.3069,
0.3395

■ 40.1433, 0.3014,
0.3495

■ 40.1433, 0.3014,
0.3495

■ 38.2746, 0.2941,
0.3653

■ 42.2916, 0.3090,
0.3353

■ 36.6687, 0.2873,
0.3827

■ 44.7255, 0.3167,
0.3226

■ 35.3147, 0.2813,
0.4015

■ 47.4570, 0.3244,
0.3114

■ 34.1991, 0.2766,
0.4215

■ 50.4959, 0.3318,
0.3015

■ 33.3069, 0.2732,
0.4422

■ 53.8516, 0.3390,
0.2929

■ 32.6213, 0.2717,
0.4631

■ 57.4239, 0.3454,
0.2852

■ 32.1231, 0.2721,
0.4837

■ 57.9373, 0.3375,
0.2761

■ 31.7891, 0.2743,
0.5032

■ 58.4796, 0.3297,
0.2671

■ 31.6531, 0.2758,
0.5129

■ 59.0513, 0.3222,
0.2585

Harmonies

Analogous

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



40.1433, 0.3198, 0.3596



40.1433, 0.3014, 0.3495



40.1433, 0.2864, 0.3335

Triad

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



40.1433, 0.3014, 0.3495



40.1433, 0.2888, 0.2983



40.1433, 0.3483, 0.3396

Complementary

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



40.1433, 0.3014, 0.3495



33.7142, 0.3258, 0.3094

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.



40.1433, 0.3396, 0.3238



40.1433, 0.3014, 0.3495



40.1433, 0.3049, 0.3005

Square

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



40.1433, 0.3014, 0.3495



40.1433, 0.2793, 0.3040



40.1433, 0.3235, 0.3097



40.1433, 0.3472, 0.3531

Rectangle

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



40.1433, 0.3014, 0.3495



40.1433, 0.2801, 0.3221



40.1433, 0.3235, 0.3097



40.1433, 0.3464, 0.3344

Sweetspot

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



40.1450, 0.3014, 0.3495



76.9933, 0.3096, 0.3343



41.1807, 0.3237, 0.3662



16.6188, 0.3090, 0.3353



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.



40.1450, 0.3014, 0.3495



71.5483, 0.2988, 0.3549



40.6208, 0.2916, 0.3308



9.5531, 0.3055, 0.3415



23.2320, 0.2753, 0.5110



0.7428, 0.2601, 0.4564

Inverse Universe

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



33.7142, 0.3258, 0.3094



57.4634, 0.3295, 0.3045



33.2771, 0.3384, 0.3272



8.5793, 0.3206, 0.3168



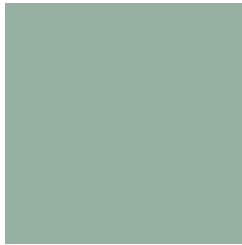
7.3880, 0.4767, 0.2400



0.2441, 0.4223, 0.2100

Previews

White Background



This preview shows how the Yxy color 40.1433, 0.3014, 0.3495 looks on a white background.

Color Contrast Check

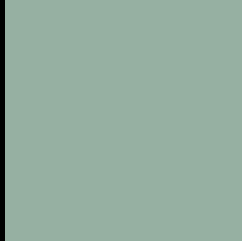
Large Text (above 18pt) WCAG AA × Fail

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 40.1433, 0.3014, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

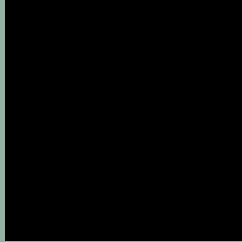
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

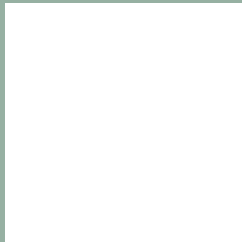
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.1433, 0.3014, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 40.1433, 0.3014, 0.3495.



This preview shows how white text looks on a background with the Yxy color 40.1433, 0.3014, 0.3495.

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

40.1433, 0.3014, 0.3495

Protanopia

39.9585, 0.3278, 0.3443

Deuteranopia

39.9226, 0.3356, 0.3291



Tritanopia

39.9202, 0.2862, 0.3093

Trichromacy



Original Color

40.1433, 0.3014, 0.3495

Protanomaly

40.1152, 0.3182, 0.3474

Deuteranomaly

39.6483, 0.3226, 0.3360

Tritanomaly

39.8338, 0.2923, 0.3232

Monochromacy



Original Color

40.1433, 0.3014, 0.3495

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.0431, 0.3088, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1433, 0.3014, 0.3495 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(150, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 176, 162)  
}
```

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(150, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 176, 162) }
```

Border

The CSS property to change the border of an element to Yxy 40.1433, 0.3014, 0.3495 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(150, 176, 162) }
```

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

```
.border{ border-color:rgb(150, 176, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 176, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 176,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1433, 0.3014, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 176, 162) }
```

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

```
.background{ background-color: rgb(150,  
176, 162) }
```

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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