

Converting Colors

$Y_{xy}(32.0702, 0.3139, 0.3660)$

Have a look what the booklet for
Yxy(32.0702, 0.3139, 0.3660)
contains.

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Color

Yxy(32.0628, 0.3139, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	8B9F88
RGB	139, 159, 136
RGB Percent	55%, 62%, 53%
CMY	0.4548, 0.3765, 0.4667
CMYK	0.13, 0.00, 0.14, 0.38
HSL	112°, 11%, 58%
HSV	112°, 14%, 62%
XYZ	27.4912, 32.0628, 28.0254
YIQ	150.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

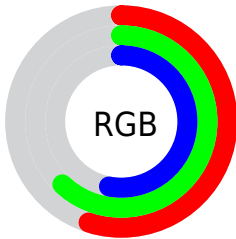
Format	Color
RYB	136, 159, 156
Decimal	9150344
CIELab	63.39, -11.55, 9.67
CIElCh	63, 15.064, 140.084
Yxy	32.0628, 0.3139, 0.3661
Android (android.graphics.Color)	4287340424 (0xFF8B9F88)
YUV	150.3980, -7.0982, -9.9960
Hunter-Lab	56.6240, -12.4297, 10.2919

Details

The Yxy color **32.0628, 0.3139, 0.3661** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1705, 0.3111, 0.2939**, and the grayscale version is **30.7110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1047, 0.3142, 0.3591**, and **13.5209, 0.3143, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **30.5310, 0.3145, 0.3954**, and if you desaturate by 10%, it is **33.8144, 0.3131, 0.3398**.

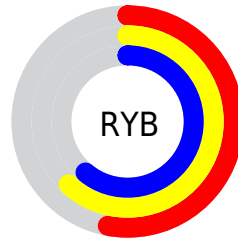
Distribution



Red (55%)

Green (62%)

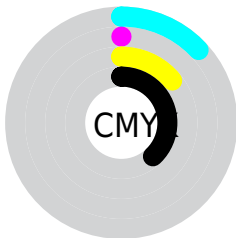
Blue (53%)



Red (53%)

Yellow (62%)

Blue (61%)

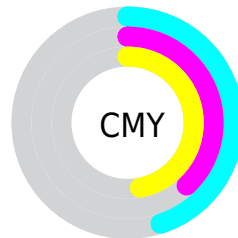


Cyan (13%)

Magenta (0%)

Yellow (14%)

Black (38%)



Cyan (45%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0628, 0.3139, 0.3661 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 32.0628, 0.3139, 0.3661 by changing the saturation by 10% instead.


 32.0628, 0.3139,
0.3661


 32.0628, 0.3139,
0.3661


311.4052, 0.3135,
0.3460


 21.4095, 0.3139,
0.3717


 62.9095, 0.3138,
0.3584

 13.4236, 0.3139,
0.3793

 83.8717, 0.3137,
0.3556

 7.7209, 0.3137,
0.3902


 109.0390, 0.3137,
0.3533

 3.9169, 0.3132,
0.4071

138.7957, 0.3136,
0.3514

 1.6272, 0.3115,
0.4366

173.5263, 0.3136,
0.3497

 0.3758, 0.1667,
0.8333

213.6152, 0.3136,

 0.0000, 0.0000,

0.3483

0.0000

259.4467, 0.3135,
0.3471

■ 32.0628, 0.3139,
0.3661

■ 32.0628, 0.3139,
0.3661

■ 30.5310, 0.3145,
0.3954

■ 33.8144, 0.3131,
0.3398

■ 29.2064, 0.3147,
0.4272

■ 35.7897, 0.3122,
0.3165

■ 28.0812, 0.3145,
0.4607

■ 37.9977, 0.3112,
0.2961


■ 27.1457, 0.3137,
0.4945

■ 40.4456, 0.3102,
0.2783

■ 26.3894, 0.3123,
0.5266


■ 43.1405, 0.3091,
0.2628


 25.8006, 0.3103,
0.5547


 46.0889, 0.3081,
0.2494

 25.3662, 0.3078,
0.5766

 49.2973, 0.3072,
0.2377

 25.0712, 0.3051,
0.5910

 52.2336, 0.3125,
0.2343

 24.9556, 0.3039,
0.5969

 53.2762, 0.3171,
0.2357

Harmonies

Analogous

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



32.0628, 0.3372, 0.3713



32.0628, 0.3139, 0.3661



32.0628, 0.2909, 0.3496

Triad

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



32.0628, 0.3139, 0.3661



32.0628, 0.2723, 0.2931



32.0628, 0.3527, 0.3286

Complementary

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



32.0628, 0.3139, 0.3661



27.1705, 0.3111, 0.2939

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.



32.0628, 0.3341, 0.3095



32.0628, 0.3139, 0.3661



32.0628, 0.2876, 0.2893

Square

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



32.0628, 0.3139, 0.3661



32.0628, 0.2675, 0.3067



32.0628, 0.3101, 0.2953



32.0628, 0.3602, 0.3485

Rectangle

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



32.0628, 0.3139, 0.3661



32.0628, 0.2788, 0.3350



32.0628, 0.3101, 0.2953



32.0628, 0.3475, 0.3219

Sweetspot

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



32.0642, 0.3139, 0.3661



60.6925, 0.3131, 0.3388



32.9017, 0.3345, 0.3594



13.6288, 0.3131, 0.3406



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.0642, 0.3139, 0.3661



56.6036, 0.3141, 0.3741



32.0555, 0.3036, 0.3524



7.4410, 0.3135, 0.3520



19.7220, 0.3043, 0.5966



0.3632, 0.3216, 0.5829

Inverse Universe

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



27.1705, 0.3111, 0.2939



46.3183, 0.3107, 0.2867



27.1944, 0.3231, 0.3067



6.7101, 0.3117, 0.3068



6.2577, 0.2885, 0.1363



0.1231, 0.3024, 0.1439

Previews

White Background



This preview shows how the Yxy color 32.0628, 0.3139, 0.3661 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 32.0628, 0.3139, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

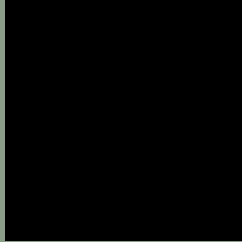
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

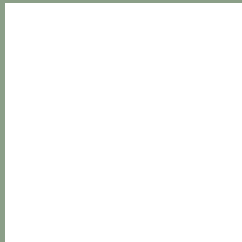
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0628, 0.3139, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 32.0628, 0.3139, 0.3661.



This preview shows how white text looks on a background with the Yxy color 32.0628, 0.3139, 0.3661.

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

32.0628, 0.3139, 0.3661

Protanopia

32.0530, 0.3401, 0.3595

Deuteranopia

31.8990, 0.3492, 0.3437



Tritanopia

32.1620, 0.2917, 0.3106

Trichromacy



Original Color

32.0628, 0.3139, 0.3661

Protanomaly

31.9362, 0.3303, 0.3618

Deuteranomaly

31.8397, 0.3364, 0.3519

Tritanomaly

31.9280, 0.2993, 0.3290

Monochromacy



Original Color

32.0628, 0.3139, 0.3661

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.9378, 0.3131, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0628, 0.3139, 0.3661 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(139, 159, 136)` looks like.

```
.text, #text, p{  
    color:rgb(139, 159, 136)  
}
```

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(139, 159, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 159, 136) }
```

Border

The CSS property to change the border of an element to Yxy 32.0628, 0.3139, 0.3661 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(139, 159, 136) }
```

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

```
.border{ border-color:rgb(139, 159, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 159, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 159, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 159, 136); box-shadow:4px 4px 4px 4px rgb(139, 159, 136) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0628, 0.3139, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 159, 136) }
```

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

```
.background{ background-color: rgb(139,  
159, 136) }
```

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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