

Converting Colors

$Yxy(31.7198, 0.3155, 0.3674)$

Have a look what the booklet for
Yxy(31.7198, 0.3155, 0.3674)
contains.

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Color

Yxy(31.6639, 0.3157, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	8B9E86
RGB	139, 158, 134
RGB Percent	55%, 62%, 53%
CMY	0.4551, 0.3803, 0.4745
CMYK	0.12, 0.00, 0.15, 0.38
HSL	108°, 11%, 57%
HSV	108°, 15%, 62%
XYZ	27.1712, 31.6639, 27.2315
YIQ	149.5830, -3.6200, -11.4920

Conversions

Conversions Part 2

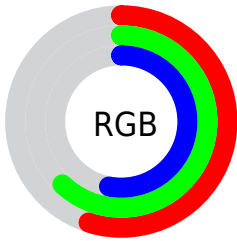
Format	Color
RYB	134, 158, 153
Decimal	9150086
CIELab	63.06, -11.42, 10.31
CIElCh	63, 15.382, 137.918
Yxy	31.6639, 0.3157, 0.3679
Android (android.graphics.Color)	4287340166 (0xFF8B9E86)
YUV	149.5830, -7.6824, -9.2813
Hunter-Lab	56.2707, -12.2820, 10.6969

Details

The Yxy color **31.6639, 0.3157, 0.3679** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2957, 0.3090, 0.2918**, and the grayscale version is **30.3450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5138, 0.3157, 0.3604**, and **13.2793, 0.3170, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **30.2390, 0.3174, 0.3970**, and if you desaturate by 10%, it is **33.2812, 0.3138, 0.3416**.

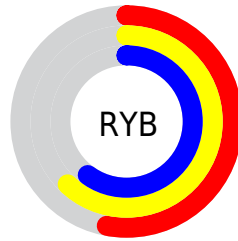
Distribution



Red (55%)

Green (62%)

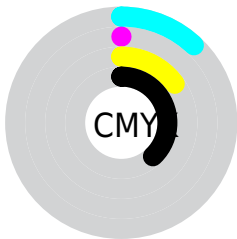
Blue (53%)



Red (53%)

Yellow (62%)

Blue (60%)

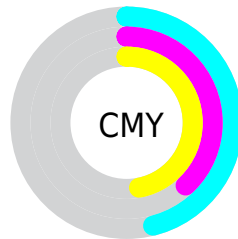


Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (38%)



Cyan (46%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.6639, 0.3157, 0.3679 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 31.6639, 0.3157, 0.3679 by changing the saturation by 10% instead.

■ 31.6639, 0.3157,
0.3679

■ 31.6639, 0.3157,
0.3679

■ 309.5853, 0.3143,
0.3468

■ 21.1049, 0.3160,
0.3738

■ 62.2838, 0.3152,
0.3598

■ 13.2007, 0.3163,
0.3819

■ 83.1135, 0.3151,
0.3569

■ 7.5669, 0.3166,
0.3934

■ 108.1356, 0.3149,
0.3544

■ 3.8191, 0.3167,
0.4113

■ 137.7345, 0.3148,
0.3524

■ 1.5729, 0.3162,
0.4432

■ 172.2945, 0.3146,
0.3507

■ 0.3392, 0.1142,
0.8858

■ 212.2000, 0.3145,

■ 0.0000, 0.0000,

0.3492

0.0000

257.8355, 0.3144,
0.3479

■ 31.6639, 0.3157,
0.3679

■ 31.6639, 0.3157,
0.3679

■ 30.2390, 0.3174,
0.3970

■ 33.2812, 0.3138,
0.3416

■ 28.9953, 0.3186,
0.4283

■ 35.0936, 0.3117,
0.3181

■ 27.9268, 0.3193,
0.4611

■ 37.1087, 0.3096,
0.2973

■ 27.0252, 0.3192,
0.4940


■ 39.3326, 0.3076,
0.2791

■ 26.2820, 0.3181,
0.5251


■ 41.7712, 0.3056,
0.2632

 25.6875, 0.3160,
0.5524

 44.4300, 0.3037,
0.2492


 25.2311, 0.3130,
0.5738

 47.3144, 0.3018,
0.2371

 24.9001, 0.3094,
0.5883

 50.0764, 0.3042,
0.2309

 24.7763, 0.3078,
0.5938

 52.3385, 0.3145,
0.2340

Harmonies

Analogous

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



31.6639, 0.3393, 0.3723



31.6639, 0.3157, 0.3679



31.6639, 0.2919, 0.3517

Triad

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



31.6639, 0.3157, 0.3679



31.6639, 0.2706, 0.2929



31.6639, 0.3527, 0.3271

Complementary

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



31.6639, 0.3157, 0.3679



26.2957, 0.3090, 0.2918

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.



31.6639, 0.3329, 0.3077



31.6639, 0.3157, 0.3679



31.6639, 0.2855, 0.2883

Square

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



31.6639, 0.3157, 0.3679



31.6639, 0.2665, 0.3074



31.6639, 0.3082, 0.2938



31.6639, 0.3613, 0.3476

Rectangle

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



31.6639, 0.3157, 0.3679



31.6639, 0.2791, 0.3368



31.6639, 0.3082, 0.2938



31.6639, 0.3471, 0.3202

Sweetspot

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



31.6653, 0.3157, 0.3679



60.4576, 0.3138, 0.3413



31.7125, 0.3360, 0.3580



13.5838, 0.3139, 0.3430



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.



31.6653, 0.3157, 0.3679



56.6391, 0.3163, 0.3768



31.4442, 0.3049, 0.3570



7.4638, 0.3146, 0.3519



19.8532, 0.3083, 0.5934



0.3706, 0.3326, 0.5742

Inverse Universe

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



26.2957, 0.3090, 0.2918



45.1221, 0.3081, 0.2838



26.5606, 0.3215, 0.3025



6.6854, 0.3106, 0.3067



5.5089, 0.2702, 0.1262



0.1145, 0.2919, 0.1381

Previews

White Background



This preview shows how the Yxy color 31.6639, 0.3157, 0.3679 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 31.6639, 0.3157, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

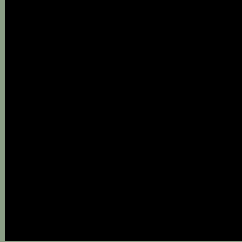
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

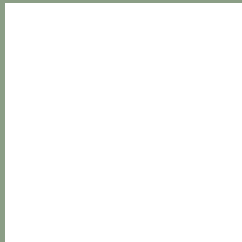
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.6639, 0.3157, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 31.6639, 0.3157, 0.3679.



This preview shows how white text looks on a background with the Yxy color 31.6639, 0.3157, 0.3679.

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

31.6639, 0.3157, 0.3679

Protanopia

31.5687, 0.3413, 0.3613

Deuteranopia

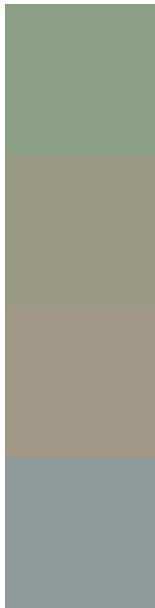
31.5292, 0.3516, 0.3452



Tritanopia

31.7937, 0.2925, 0.3106

Trichromacy



Original Color

31.6639, 0.3157, 0.3679

Protanomaly

31.4525, 0.3314, 0.3636

Deuteranomaly

31.4596, 0.3386, 0.3535

Tritanomaly

31.5266, 0.3010, 0.3305

Monochromacy



Original Color

31.6639, 0.3157, 0.3679

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.9071, 0.3141, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6639, 0.3157, 0.3679 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, 158, 134)` looks like.

```
.text, #text, p{  
    color:rgb(139, 158, 134)  
}
```

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, 158, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 158, 134) }
```

Border

The CSS property to change the border of an element to Yxy 31.6639, 0.3157, 0.3679 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, 158, 134) }
```

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

```
.border{ border-color:rgb(139, 158, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 158, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 158, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 158, 134);  
box-shadow:4px 4px 4px 4px rgb(139, 158,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6639, 0.3157, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 158, 134) }
```

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

```
.background{ background-color: rgb(139,  
158, 134) }
```

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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