

Converting Colors

$Yxy(31.1877, 0.3145, 0.3565)$

Have a look what the booklet for
Yxy(31.1877, 0.3145, 0.3565)
contains.

Yxy(31.3627, 0.3153, 0.3579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.3627, 0.3153, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	8E9C8A
RGB	142, 156, 138
RGB Percent	56%, 61%, 54%
CMY	0.4432, 0.3882, 0.4589
CMYK	0.09, 0.00, 0.12, 0.39
HSL	107°, 8%, 58%
HSV	107°, 12%, 61%
XYZ	27.6297, 31.3627, 28.6374
YIQ	149.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

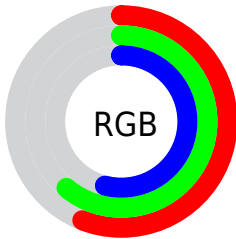
Format	Color
RYB	138, 156, 152
Decimal	9346186
CIELab	62.81, -8.49, 7.74
CIELCh	63, 11.491, 137.636
Yxy	31.3627, 0.3153, 0.3579
Android (android.graphics.Color)	4287536266 (0xFF8E9C8A)
YUV	149.7620, -5.7987, -6.8073
Hunter-Lab	56.0024, -9.9384, 8.8831

Details

The Yxy color **31.3627, 0.3153, 0.3579** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2498, 0.3097, 0.3010**, and the grayscale version is **30.4189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5905, 0.3154, 0.3518**, and **13.0830, 0.3165, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **29.9288, 0.3173, 0.3859**, and if you desaturate by 10%, it is **32.9810, 0.3131, 0.3327**.

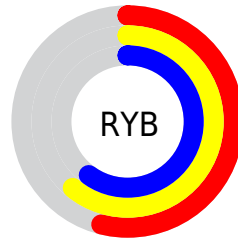
Distribution



Red (56%)

Green (61%)

Blue (54%)



Red (54%)

Yellow (61%)

Blue (60%)

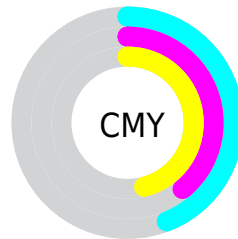


Cyan (9%)

Magenta (0%)

Yellow (12%)

Black (39%)



Cyan (44%)


Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3627, 0.3153, 0.3579 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 31.3627, 0.3153, 0.3579 by changing the saturation by 10% instead.


 31.3627, 0.3153,
0.3579


 31.3627, 0.3153,
0.3579


308.2058, 0.3140,
0.3423


 20.8752, 0.3156,
0.3623


 61.8107, 0.3149,
0.3519

 13.0328, 0.3159,
0.3682


 82.5399, 0.3147,
0.3497

 7.4511, 0.3164,
0.3766


 107.4518, 0.3145,
0.3480

 3.7458, 0.3168,
0.3897

136.9309, 0.3144,
0.3465

 1.5324, 0.3171,
0.4126

171.3614, 0.3143,
0.3452

 0.3114, 0.2217,
0.7783

211.1278, 0.3142,

 0.0000, 0.0000,

0.3441

0.0000

256.6145, 0.3141,
0.3431

■ 31.3627, 0.3153,
0.3579

■ 31.3627, 0.3153,
0.3579

■ 29.9288, 0.3173,
0.3859

■ 32.9810, 0.3131,
0.3327

■ 28.6688, 0.3190,
0.4163

■ 34.7859, 0.3108,
0.3102

■ 27.5772, 0.3201,
0.4485


■ 36.7845, 0.3084,
0.2904

■ 26.6466, 0.3205,
0.4813

■ 38.9824, 0.3062,
0.2730


■ 25.8692, 0.3199,
0.5132


■ 41.3850, 0.3040,
0.2577

 25.2364, 0.3182,
0.5419


 43.9975, 0.3020,
0.2444

 24.7386, 0.3155,
0.5657

 46.8248, 0.3000,
0.2327

 24.3650, 0.3119,
0.5828

 49.3594, 0.3041,
0.2289

 24.1309, 0.3089,
0.5929

 51.5432, 0.3141,
0.2320

Harmonies

Analogous

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



31.3627, 0.3330, 0.3613



31.3627, 0.3153, 0.3579



31.3627, 0.2973, 0.3460

Triad

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



31.3627, 0.3153, 0.3579



31.3627, 0.2808, 0.3020



31.3627, 0.3425, 0.3276

Complementary

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



31.3627, 0.3153, 0.3579



27.2498, 0.3097, 0.3010

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.



31.3627, 0.3278, 0.3128



31.3627, 0.3153, 0.3579



31.3627, 0.2922, 0.2982

Square

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



31.3627, 0.3153, 0.3579



31.3627, 0.2778, 0.3132



31.3627, 0.3093, 0.3022



31.3627, 0.3490, 0.3432

Rectangle

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



31.3627, 0.3153, 0.3579



31.3627, 0.2875, 0.3351



31.3627, 0.3093, 0.3022



31.3627, 0.3383, 0.3224

Sweetspot

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



31.3640, 0.3153, 0.3579



59.4324, 0.3134, 0.3363



31.2956, 0.3302, 0.3504



13.0260, 0.3136, 0.3382



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.3640, 0.3153, 0.3579



56.2176, 0.3159, 0.3653



31.1584, 0.3070, 0.3503



7.4686, 0.3148, 0.3519



19.8879, 0.3093, 0.5926



0.3721, 0.3348, 0.5724

Inverse Universe

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



27.2498, 0.3097, 0.3010



47.1495, 0.3089, 0.2942



27.4833, 0.3189, 0.3086



6.6802, 0.3104, 0.3067



5.3602, 0.2663, 0.1241



0.1128, 0.2896, 0.1369

Previews

White Background



This preview shows how the Yxy color 31.3627, 0.3153, 0.3579 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 31.3627, 0.3153, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

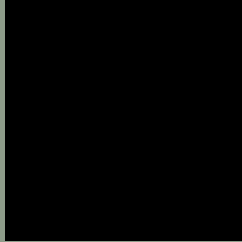
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

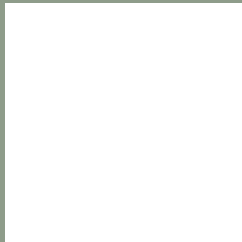
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.3627, 0.3153, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 31.3627, 0.3153, 0.3579.



This preview shows how white text looks on a background with the Yxy color 31.3627, 0.3153, 0.3579.

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

31.3627, 0.3153, 0.3579

Protanopia

31.1799, 0.3344, 0.3522

Deuteranopia

31.1091, 0.3455, 0.3379



Tritanopia

31.2478, 0.2960, 0.3106

Trichromacy



Original Color

31.3627, 0.3153, 0.3579

Protanomaly

31.2640, 0.3268, 0.3541

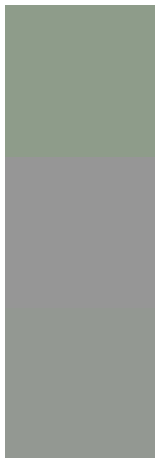
Deuteranomaly

31.1504, 0.3338, 0.3459

Tritanomaly

31.1688, 0.3030, 0.3259

Monochromacy



Original Color

31.3627, 0.3153, 0.3579

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.7348, 0.3133, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3627, 0.3153, 0.3579 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(142, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(142, 156, 138)  
}
```

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(142, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 156, 138) }
```

Border

The CSS property to change the border of an element to Yxy 31.3627, 0.3153, 0.3579 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(142, 156, 138) }
```

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

```
.border{ border-color:rgb(142, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(142, 156,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3627, 0.3153, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 156, 138) }
```

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

```
.background{ background-color: rgb(142,  
156, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor