

Converting Colors

$Yxy(31.1132, 0.3110, 0.3634)$

Have a look what the booklet for
Yxy(31.1132, 0.3110, 0.3634)
contains.

Yxy(31.1258, 0.3111, 0.3633)	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(31.1258, 0.3111, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	889D88
RGB	136, 157, 136
RGB Percent	53%, 62%, 53%
CMY	0.4667, 0.3843, 0.4667
CMYK	0.13, 0.00, 0.13, 0.38
HSL	120°, 10%, 57%
HSV	120°, 13%, 62%
XYZ	26.6536, 31.1258, 27.8958
YIQ	148.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

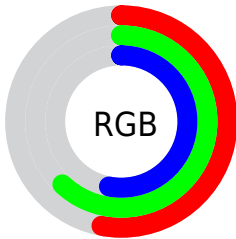
Format	Color
RYB	136, 157, 157
Decimal	8953224
CIELab	62.61, -11.58, 8.52
CIELCh	63, 14.374, 143.670
Yxy	31.1258, 0.3111, 0.3633
Android (android.graphics.Color)	4287143304 (0xFF889D88)
YUV	148.3270, -6.0772, -10.8108
Hunter-Lab	55.7905, -12.3561, 9.4077

Details

The Yxy color **31.1258, 0.3111, 0.3633** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2097, 0.3142, 0.2969**, and the grayscale version is **29.7859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5799, 0.3114, 0.3570**, and **12.9584, 0.3105, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **29.4934, 0.3097, 0.3928**, and if you desaturate by 10%, it is **33.0188, 0.3123, 0.3371**.

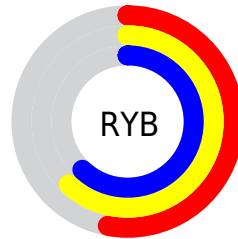
Distribution



Red (53%)

Green (62%)

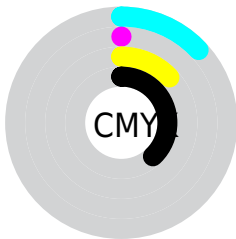
Blue (53%)



Red (53%)

Yellow (62%)

Blue (62%)

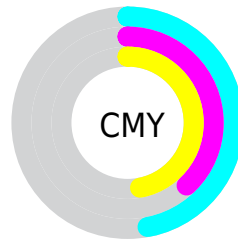


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (47%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.1258, 0.3111, 0.3633 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 31.1258, 0.3111, 0.3633 by changing the saturation by 10% instead.


 31.1258, 0.3111,
0.3633


 31.1258, 0.3111,
0.3633


307.1175, 0.3121,
0.3446


 20.6947, 0.3107,
0.3685


 61.4381, 0.3115,
0.3561

 12.9010, 0.3102,
0.3757


 82.0880, 0.3117,
0.3535

 7.3604, 0.3093,
0.3860


 106.9130, 0.3118,
0.3514

 3.6885, 0.3077,
0.4020

136.2974, 0.3119,
0.3496

 1.5009, 0.3043,
0.4304

170.6257, 0.3120,
0.3481

 0.2894, 0.0000,
1.0000

210.2822, 0.3120,

 0.0000, 0.0000,

0.3468

0.0000

255.6513, 0.3121,
0.3456

■ 31.1258, 0.3111,
0.3633

■ 31.1258, 0.3111,
0.3633

■ 29.4934, 0.3097,
0.3928

■ 33.0188, 0.3123,
0.3371

■ 28.1064, 0.3082,
0.4253

■ 35.1789, 0.3134,
0.3142

■ 26.9541, 0.3066,
0.4599

■ 37.6173, 0.3143,
0.2944

■ 26.0237, 0.3049,
0.4950

■ 40.3435, 0.3152,
0.2774

■ 25.3008, 0.3033,
0.5284

■ 43.3663, 0.3158,
0.2627

■ 24.7695, 0.3020,
0.5574

■ 46.6944, 0.3164,
0.2502

■ 24.4117, 0.3009,
0.5796

■ 50.3359, 0.3169,
0.2394

■ 24.2056, 0.3003,
0.5936

■ 52.5957, 0.3172,
0.2338

■ 24.1158, 0.3000,
0.6000

Harmonies

Analogous

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



31.1258, 0.3338, 0.3698



31.1258, 0.3111, 0.3633



31.1258, 0.2894, 0.3465

Triad

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



31.1258, 0.3111, 0.3633



31.1258, 0.2750, 0.2934



31.1258, 0.3527, 0.3310

Complementary

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



31.1258, 0.3111, 0.3633



27.2097, 0.3142, 0.2969

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.



31.1258, 0.3359, 0.3122



31.1258, 0.3111, 0.3633



31.1258, 0.2908, 0.2909

Square

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



31.1258, 0.3111, 0.3633



31.1258, 0.2690, 0.3055



31.1258, 0.3130, 0.2978



31.1258, 0.3584, 0.3500

Rectangle

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



31.1258, 0.3111, 0.3633



31.1258, 0.2783, 0.3322



31.1258, 0.3130, 0.2978



31.1258, 0.3481, 0.3245

Sweetspot

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



31.1271, 0.3111, 0.3633



58.8784, 0.3123, 0.3388



33.0617, 0.3322, 0.3612



12.8999, 0.3122, 0.3406



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.



31.1271, 0.3111, 0.3633



54.8386, 0.3107, 0.3716



31.4404, 0.3018, 0.3459



7.4011, 0.3116, 0.3521



19.5850, 0.3000, 0.6000



0.3502, 0.3000, 0.5998

Inverse Universe

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



27.2097, 0.3142, 0.2969



46.4585, 0.3146, 0.2898



26.8664, 0.3252, 0.3127



6.7546, 0.3138, 0.3070



7.7975, 0.3210, 0.1542



0.1394, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 31.1258, 0.3111, 0.3633 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 31.1258, 0.3111, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

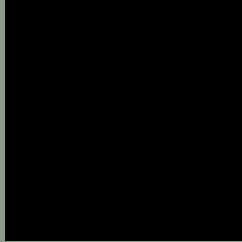
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

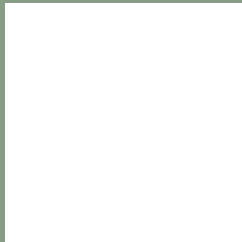
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.1258, 0.3111, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 31.1258, 0.3111, 0.3633.



This preview shows how white text looks on a background with the Yxy color 31.1258, 0.3111, 0.3633.

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

31.1258, 0.3111, 0.3633

Protanopia

31.0958, 0.3374, 0.3569

Deuteranopia

30.9388, 0.3465, 0.3410



Tritanopia

31.1618, 0.2905, 0.3104

Trichromacy



Original Color

31.1258, 0.3111, 0.3633

Protanomaly

30.9877, 0.3276, 0.3590

Deuteranomaly

30.8879, 0.3336, 0.3491

Tritanomaly

30.9333, 0.2981, 0.3290

Monochromacy



Original Color

31.1258, 0.3111, 0.3633

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.0761, 0.3122, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1258, 0.3111, 0.3633 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(136, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 157, 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(136, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 157, 136) }
```

Border

The CSS property to change the border of an element to Yxy 31.1258, 0.3111, 0.3633 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(136, 157, 136) }
```

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

```
.border{ border-color:rgb(136, 157, 136) }
```

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

Here you see how a box with a 4 pixel rgb(136, 157, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 157,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1258, 0.3111, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 157, 136) }
```

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

```
.background{ background-color: rgb(136,  
157, 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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