

Converting Colors

$Yxy(31.0506, 0.3344, 0.3538)$

Have a look what the booklet for
Yxy(31.0506, 0.3344, 0.3538)
contains.

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Color

Yxy(31.0506, 0.3344, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	9D9787
RGB	157, 151, 135
RGB Percent	62%, 59%, 53%
CMY	0.3842, 0.4079, 0.4706
CMYK	0.00, 0.04, 0.14, 0.38
HSL	44°, 10%, 57%
HSV	44°, 14%, 62%
XYZ	29.3480, 31.0506, 27.3645
YIQ	150.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

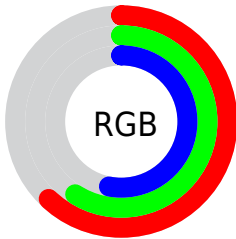
Format	Color
RYB	143, 157, 135
Decimal	10327943
CIELab	62.55, -0.63, 9.22
CIELCh	63, 9.240, 93.915
Yxy	31.0506, 0.3344, 0.3538
Android (android.graphics.Color)	4288518023 (0xFF9D9787)
YUV	150.9700, -7.8732, 5.2883
Hunter-Lab	55.7231, -3.5037, 9.8899

Details

The Yxy color **31.0506, 0.3344, 0.3538** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6424, 0.2911, 0.3029**, and the grayscale version is **30.9673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2905, 0.3305, 0.3488**, and **12.8344, 0.3429, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **29.2832, 0.3514, 0.3722**, and if you desaturate by 10%, it is **32.9364, 0.3187, 0.3360**.

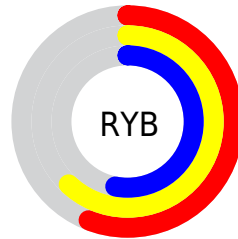
Distribution



Red (62%)

Green (59%)

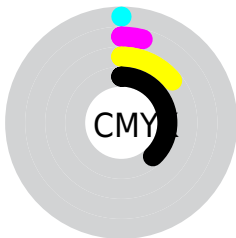
Blue (53%)



Red (56%)

Yellow (62%)

Blue (53%)

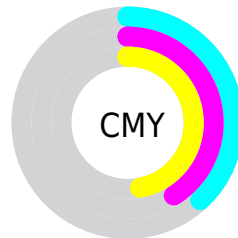


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (38%)



Cyan (38%)


Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0506, 0.3344, 0.3538 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 31.0506, 0.3344, 0.3538 by changing the saturation by 10% instead.


 31.0506, 0.3344,
0.3538


 31.0506, 0.3344,
0.3538


306.7714, 0.3228,
0.3405


 20.6374, 0.3375,
0.3574


 61.3197, 0.3300,
0.3488

 12.8592, 0.3418,
0.3623


 81.9444, 0.3284,
0.3469

 7.3317, 0.3477,
0.3691


 106.7417, 0.3271,
0.3454

 3.6704, 0.3566,
0.3794

136.0961, 0.3260,
0.3441

 1.4909, 0.3716,
0.3971

170.3918, 0.3250,
0.3430

 0.2823, 0.4726,
0.5274

210.0133, 0.3242,

 0.0000, 0.0000,

0.3421

0.0000

255.3451, 0.3235,
0.3413

■ 31.0506, 0.3344,
0.3538

■ 31.0506, 0.3344,
0.3538

■ 29.2832, 0.3514,
0.3722

■ 32.9364, 0.3187,
0.3360

■ 27.6268, 0.3695,
0.3908

■ 34.9398, 0.3043,
0.3190

■ 26.0791, 0.3883,
0.4089

■ 37.0651, 0.2913,
0.3031

■ 24.6363, 0.4074,
0.4255

■ 39.3152, 0.2796,
0.2884

■ 23.2942, 0.4259,
0.4399

■ 41.6930, 0.2691,
0.2748

■ 22.0481, 0.4430,
0.4508

■ 44.2010, 0.2598,
0.2624

■ 20.8928, 0.4580,
0.4576

■ 46.8419, 0.2514,
0.2510

■ 19.8222, 0.4702,
0.4596

■ 49.2512, 0.2468,
0.2461

■ 19.2147, 0.4768,
0.4596

■ 51.0821, 0.2476,
0.2514

Harmonies

Analogous

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



31.0506, 0.3414, 0.3465



31.0506, 0.3344, 0.3538



31.0506, 0.3217, 0.3544

Triad

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



31.0506, 0.3344, 0.3538



31.0506, 0.2858, 0.3220



31.0506, 0.3182, 0.3113

Complementary

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



31.0506, 0.3344, 0.3538



26.6424, 0.2911, 0.3029

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.



31.0506, 0.3033, 0.3050



31.0506, 0.3344, 0.3538



31.0506, 0.2848, 0.3107

Square

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



31.0506, 0.3344, 0.3538



31.0506, 0.2937, 0.3357



31.0506, 0.2912, 0.3047



31.0506, 0.3319, 0.3222

Rectangle

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



31.0506, 0.3344, 0.3538



31.0506, 0.3117, 0.3507



31.0506, 0.2912, 0.3047



31.0506, 0.3132, 0.3086

Sweetspot

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



31.0520, 0.3344, 0.3538



58.9470, 0.3187, 0.3360



26.4266, 0.3310, 0.3193



12.9166, 0.3198, 0.3373



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.



31.0520, 0.3344, 0.3538



54.5231, 0.3399, 0.3598



32.5728, 0.3283, 0.3633



7.4130, 0.3267, 0.3452



15.6634, 0.4762, 0.4601



0.3460, 0.4493, 0.4815

Inverse Universe

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



26.6424, 0.2911, 0.3029



44.9958, 0.2857, 0.2962



25.3160, 0.2958, 0.2934



6.7161, 0.2988, 0.3123



3.4343, 0.1603, 0.0971



0.1263, 0.1807, 0.1705

Previews

White Background



This preview shows how the Yxy color 31.0506, 0.3344, 0.3538 looks on a white background.

Color Contrast Check

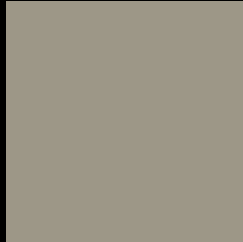
Large Text (above 18pt) WCAG AA × Fail

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 31.0506, 0.3344, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

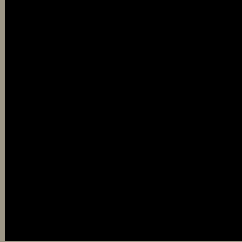
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

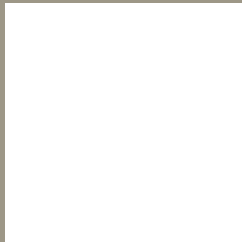
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.0506, 0.3344, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 31.0506, 0.3344, 0.3538.



This preview shows how white text looks on a background with the Yxy color 31.0506, 0.3344, 0.3538.

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

31.0506, 0.3344, 0.3538

Protanopia

31.1516, 0.3354, 0.3537

Deuteranopia

30.9933, 0.3497, 0.3439



Tritanopia

30.8442, 0.3146, 0.3111

Trichromacy



Original Color

31.0506, 0.3344, 0.3538

Protanomaly

31.1516, 0.3354, 0.3537

Deuteranomaly

31.0644, 0.3437, 0.3471

Tritanomaly

30.7527, 0.3222, 0.3260

Monochromacy



Original Color

31.0506, 0.3344, 0.3538

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.9499, 0.3204, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0506, 0.3344, 0.3538 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(157, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 135)  
}
```

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(157, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 135) }
```

Border

The CSS property to change the border of an element to Yxy 31.0506, 0.3344, 0.3538 is called "border". The border property can be set on classes, ids or directly on the HTML element.

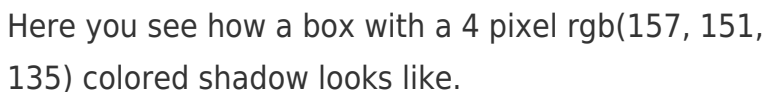
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 151, 135) }
```

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

```
.border{ border-color:rgb(157, 151, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 151, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 151, 135); box-shadow:4px 4px 4px 4px rgb(157, 151, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0506, 0.3344, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 151, 135) }
```

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

```
.background{ background-color: rgb(157,  
151, 135) }
```

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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