

Converting Colors

Yxy(31.1360, 0.3342, 0.3448)

Have a look what the booklet for
Yxy(31.1360, 0.3342, 0.3448)
contains.

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Color

Yxy(31.2538, 0.3349, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	A1968B
RGB	161, 150, 139
RGB Percent	63%, 59%, 55%
CMY	0.3685, 0.4118, 0.4549
CMYK	0.00, 0.07, 0.14, 0.37
HSL	30°, 10%, 59%
HSV	30°, 14%, 63%
XYZ	30.2686, 31.2538, 28.8587
YIQ	152.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

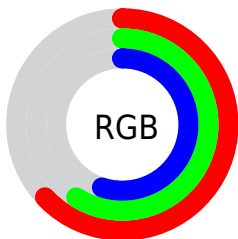
Format	Color
RYB	161, 161, 139
Decimal	10589835
CIELab	62.72, 2.13, 7.26
CIELCh	63, 7.562, 73.643
Yxy	31.2538, 0.3349, 0.3458
Android (android.graphics.Color)	4288779915 (0xFFA1968B)
YUV	152.0350, -6.4263, 7.8623
Hunter-Lab	55.9051, -1.1888, 8.5276

Details

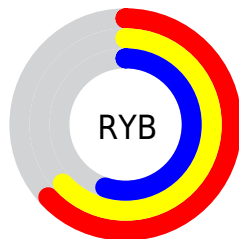
The Yxy color **31.2538, 0.3349, 0.3458** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8840, 0.2919, 0.3116**, and the grayscale version is **31.4422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5904, 0.3308, 0.3429**, and **12.8962, 0.3421, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **28.3330, 0.3538, 0.3588**, and if you desaturate by 10%, it is **34.4238, 0.3183, 0.3334**.

Distribution



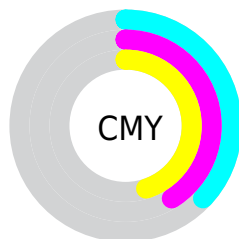
- Red (63%)
- Green (59%)
- Blue (55%)



- Red (63%)
- Yellow (63%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (37%)





- Cyan (37%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2538, 0.3349, 0.3458 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 31.2538, 0.3349, 0.3458 by changing the saturation by 10% instead.

 31.2538, 0.3349,
0.3458


 31.2538, 0.3349,
0.3458


307.7059, 0.3230,
0.3369

 20.7922, 0.3381,
0.3482


 61.6394, 0.3304,
0.3424

 12.9722, 0.3425,
0.3514


 82.3322, 0.3288,
0.3412

 7.4094, 0.3486,
0.3559


 107.2042, 0.3274,
0.3402

 3.7194, 0.3579,
0.3625

136.6398, 0.3263,
0.3393

 1.5179, 0.3737,
0.3735

171.0234, 0.3253,
0.3386

 0.3013, 0.5290,
0.4710

210.7393, 0.3244,

 0.0000, 0.0000,

0.3380

0.0000

256.1720, 0.3237,
0.3374

■ 31.2538, 0.3349,
0.3458

■ 31.2538, 0.3349,
0.3458

■ 28.3330, 0.3538,
0.3588

■ 34.4238, 0.3183,
0.3334

■ 25.6508, 0.3750,
0.3721

■ 37.8452, 0.3038,
0.3217

■ 23.2016, 0.3986,
0.3851

■ 41.5253, 0.2911,
0.3109

■ 20.9781, 0.4241,
0.3971

■ 45.4699, 0.2801,
0.3010

■ 18.9727, 0.4510,
0.4070

■ 49.6847, 0.2704,
0.2918

■ 17.1768, 0.4780,
0.4138

■ 54.1751, 0.2620,
0.2835

■ 15.5814, 0.5036,
0.4161

■ 58.9462, 0.2546,
0.2758

■ 14.1761, 0.5262,
0.4133

■ 63.1500, 0.2543,
0.2821

■ 13.3757, 0.5394,
0.4099

■ 67.3462, 0.2557,
0.2917

Harmonies

Analogous

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



31.2538, 0.3363, 0.3372



31.2538, 0.3349, 0.3458



31.2538, 0.3275, 0.3500

Triad

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



31.2538, 0.3349, 0.3458



31.2538, 0.2945, 0.3309



31.2538, 0.3089, 0.3105

Complementary

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



31.2538, 0.3349, 0.3458



29.8840, 0.2919, 0.3116

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.



31.2538, 0.2979, 0.3085



31.2538, 0.3349, 0.3458



31.2538, 0.2897, 0.3200

Square

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



31.2538, 0.3349, 0.3458



31.2538, 0.3041, 0.3414



31.2538, 0.2910, 0.3119



31.2538, 0.3211, 0.3171

Rectangle

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



31.2538, 0.3349, 0.3458



31.2538, 0.3202, 0.3497



31.2538, 0.2910, 0.3119



31.2538, 0.3050, 0.3093

Sweetspot

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



31.2552, 0.3349, 0.3458



61.3949, 0.3189, 0.3339



28.2568, 0.3251, 0.3117



13.3725, 0.3200, 0.3347



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.



31.2552, 0.3349, 0.3458



54.5421, 0.3396, 0.3492



34.8174, 0.3327, 0.3615



7.6428, 0.3273, 0.3402



10.7596, 0.5382, 0.4109



0.3206, 0.4852, 0.4530

Inverse Universe

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



29.8840, 0.2919, 0.3116



51.6711, 0.2878, 0.3080



26.6310, 0.2914, 0.2943



7.4185, 0.2987, 0.3175



6.7921, 0.1781, 0.1612



0.2372, 0.1965, 0.2274

Previews

White Background



This preview shows how the Yxy color 31.2538, 0.3349, 0.3458 looks on a white background.

Color Contrast Check

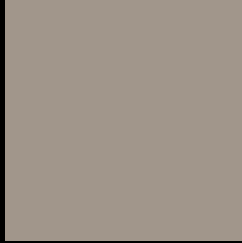
Large Text (above 18pt) WCAG AA × Fail

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 31.2538, 0.3349, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

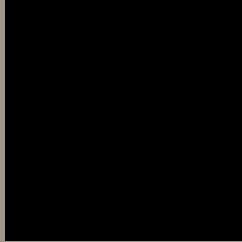
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2538, 0.3349, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 31.2538, 0.3349, 0.3458.



This preview shows how white text looks on a background with the Yxy color 31.2538, 0.3349, 0.3458.

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

31.2538, 0.3349, 0.3458

Protanopia

31.1948, 0.3294, 0.3460

Deuteranopia

31.1091, 0.3455, 0.3379



Tritanopia

31.2632, 0.3187, 0.3113

Trichromacy



Original Color

31.2538, 0.3349, 0.3458

Protanomaly

31.2958, 0.3305, 0.3459

Deuteranomaly

30.9764, 0.3409, 0.3395

Tritanomaly

31.2333, 0.3244, 0.3231

Monochromacy



Original Color

31.2538, 0.3349, 0.3458

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2084, 0.3206, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2538, 0.3349, 0.3458 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(161, 150, 139)` looks like.

```
.text, #text, p{  
    color:rgb(161, 150, 139)  
}
```

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(161, 150, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 150, 139) }
```

Border

The CSS property to change the border of an element to Yxy 31.2538, 0.3349, 0.3458 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(161, 150, 139) }
```

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

```
.border{ border-color:rgb(161, 150, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 150, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 150, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 150, 139); box-shadow:4px 4px 4px 4px rgb(161, 150, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2538, 0.3349, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 150, 139) }
```

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

```
.background{ background-color: rgb(161,  
150, 139) }
```

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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