

Converting Colors

$Yxy(31.9786, 0.3404, 0.3484)$

Have a look what the booklet for
Yxy(31.9786, 0.3404, 0.3484)
contains.

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Color

Yxy(31.9675, 0.3399, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	A5978A
RGB	165, 151, 138
RGB Percent	65%, 59%, 54%
CMY	0.3529, 0.4078, 0.4589
CMYK	0.00, 0.08, 0.16, 0.35
HSL	29°, 13%, 59%
HSV	29°, 16%, 65%
XYZ	31.1697, 31.9675, 28.5653
YIQ	153.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

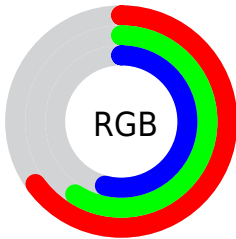
Format	Color
RYB	165, 163, 138
Decimal	10852234
CIELab	63.32, 2.92, 8.72
CIELCh	63, 9.195, 71.476
Yxy	31.9675, 0.3399, 0.3486
Android (android.graphics.Color)	4289042314 (0xFFA5978A)
YUV	153.7040, -7.7421, 9.9066
Hunter-Lab	56.5398, -0.5399, 9.6231

Details

The Yxy color **31.9675, 0.3399, 0.3486** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5667, 0.2877, 0.3086**, and the grayscale version is **32.2089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6399, 0.3346, 0.3450**, and **13.3296, 0.3494, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **28.8749, 0.3596, 0.3613**, and if you desaturate by 10%, it is **35.3349, 0.3226, 0.3364**.

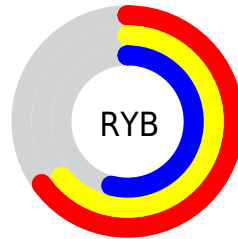
Distribution



Red (65%)

Green (59%)

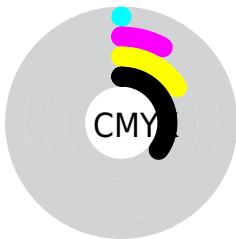
Blue (54%)



Red (65%)

Yellow (64%)

Blue (54%)

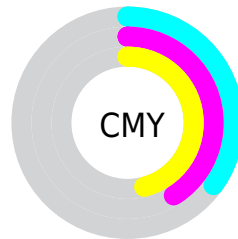


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9675, 0.3399, 0.3486 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 31.9675, 0.3399, 0.3486 by changing the saturation by 10% instead.


 31.9675, 0.3399,
0.3486


 31.9675, 0.3399,
0.3486


310.9712, 0.3254,
0.3383


 21.3367, 0.3438,
0.3514


 62.7601, 0.3344,
0.3447

 13.3703, 0.3491,
0.3550


 83.6907, 0.3324,
0.3433

 7.6840, 0.3565,
0.3601


 108.8234, 0.3307,
0.3421

 3.8934, 0.3677,
0.3675

138.5425, 0.3293,
0.3411

 1.6141, 0.3863,
0.3795

173.2324, 0.3281,
0.3403

 0.3671, 0.5337,
0.4663

213.2776, 0.3271,

 0.0000, 0.0000,

0.3395

0.0000

259.0624, 0.3262,
0.3389

■ 31.9675, 0.3399,
0.3486

■ 31.9675, 0.3399,
0.3486

■ 28.8749, 0.3596,
0.3613

■ 35.3349, 0.3226,
0.3364

■ 26.0455, 0.3818,
0.3742

■ 38.9801, 0.3075,
0.3249

■ 23.4727, 0.4064,
0.3866

■ 42.9113, 0.2943,
0.3143

■ 21.1484, 0.4331,
0.3977

■ 47.1350, 0.2829,
0.3044

■ 19.0636, 0.4609,
0.4066

■ 51.6576, 0.2729,
0.2954

■ 17.2087, 0.4885,
0.4118

■ 56.4852, 0.2642,
0.2871

■ 15.5732, 0.5144,
0.4124

■ 61.6238, 0.2566,
0.2795

■ 14.1440, 0.5368,
0.4078

■ 66.0762, 0.2573,
0.2881

■ 13.6696, 0.5447,
0.4057

■ 70.6604, 0.2586,
0.2982

Harmonies

Analogous

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



31.9675, 0.3410, 0.3380



31.9675, 0.3399, 0.3486



31.9675, 0.3313, 0.3543

Triad

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



31.9675, 0.3399, 0.3486



31.9675, 0.2914, 0.3322



31.9675, 0.3070, 0.3064

Complementary

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



31.9675, 0.3399, 0.3486



30.5667, 0.2877, 0.3086

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.



31.9675, 0.2941, 0.3045



31.9675, 0.3399, 0.3486



31.9675, 0.2852, 0.3190

Square

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



31.9675, 0.3399, 0.3486



31.9675, 0.3033, 0.3448



31.9675, 0.2862, 0.3089



31.9675, 0.3218, 0.3140

Rectangle

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



31.9675, 0.3399, 0.3486



31.9675, 0.3227, 0.3542



31.9675, 0.2862, 0.3089



31.9675, 0.3023, 0.3050

Sweetspot

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



31.9689, 0.3399, 0.3486



64.0923, 0.3205, 0.3349



28.4510, 0.3275, 0.3075



13.9200, 0.3216, 0.3357



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.9689, 0.3399, 0.3486



54.9849, 0.3475, 0.3536



36.4196, 0.3369, 0.3674



7.6231, 0.3273, 0.3399



10.4407, 0.5431, 0.4070



0.3140, 0.4881, 0.4506

Inverse Universe

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



30.5667, 0.2877, 0.3086



51.9463, 0.2814, 0.3031



26.5499, 0.2868, 0.2875



7.4383, 0.2987, 0.3179



7.1254, 0.1797, 0.1669



0.2439, 0.1976, 0.2314

Previews

White Background



This preview shows how the Yxy color 31.9675, 0.3399, 0.3486 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 31.9675, 0.3399, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

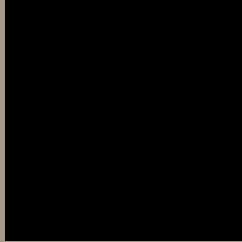
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

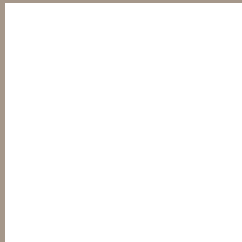
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.9675, 0.3399, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 31.9675, 0.3399, 0.3486.



This preview shows how white text looks on a background with the Yxy color 31.9675, 0.3399, 0.3486.

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

31.9675, 0.3399, 0.3486

Protanopia

32.0175, 0.3321, 0.3504

Deuteranopia

32.0426, 0.3493, 0.3422



Tritanopia

32.0078, 0.3227, 0.3131

Trichromacy



Original Color

31.9675, 0.3399, 0.3486

Protanomaly

31.8976, 0.3344, 0.3488

Deuteranomaly

32.0169, 0.3458, 0.3438

Tritanomaly

31.9447, 0.3294, 0.3261

Monochromacy



Original Color

31.9675, 0.3399, 0.3486

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.1897, 0.3225, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9675, 0.3399, 0.3486 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(165, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(165, 151, 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(165, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 151, 138) }
```

Border

The CSS property to change the border of an element to Yxy 31.9675, 0.3399, 0.3486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

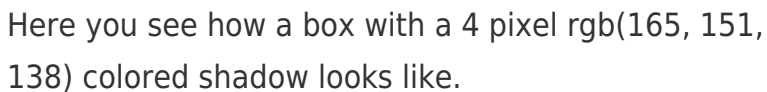
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 151, 138) }
```

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

```
.border{ border-color:rgb(165, 151, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 151, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 151, 138); box-shadow:4px 4px 4px 4px rgb(165, 151, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9675, 0.3399, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 151, 138) }
```

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

```
.background{ background-color: rgb(165,  
151, 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](#).

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