

Converting Colors

$Yxy(31.1358, 0.3376, 0.3398)$

Have a look what the booklet for
Yxy(31.1358, 0.3376, 0.3398)
contains.

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Color

Yxy(31.1022, 0.3375, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	A5948D
RGB	165, 148, 141
RGB Percent	65%, 58%, 55%
CMY	0.3531, 0.4196, 0.4471
CMYK	0.00, 0.10, 0.15, 0.35
HSL	18°, 12%, 60%
HSV	18°, 15%, 65%
XYZ	30.9099, 31.1022, 29.5727
YIQ	152.2850, 12.3790, 1.4270

Conversions

Conversions Part 2

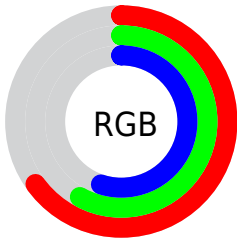
Format	Color
R_{YB}	165, 151, 141
Decimal	10851469
CIE Lab	62.59, 5.07, 5.99
CIE LCh	63, 7.846, 49.715
Yxy	31.1022, 0.3375, 0.3396
Android (android.graphics.Color)	4289041549 (0xFFA5948D)
YUV	152.2850, -5.5635, 11.1511
Hunter-Lab	55.7693, 1.3363, 7.5989

Details

The Yxy color **31.1022, 0.3375, 0.3396** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8165, 0.2908, 0.3182**, and the grayscale version is **31.5487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3968, 0.3320, 0.3370**, and **12.8154, 0.3462, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **27.1699, 0.3585, 0.3474**, and if you desaturate by 10%, it is **35.4795, 0.3198, 0.3322**.

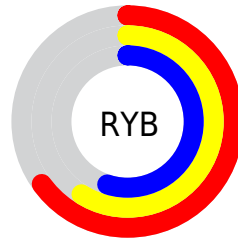
Distribution



Red (65%)

Green (58%)

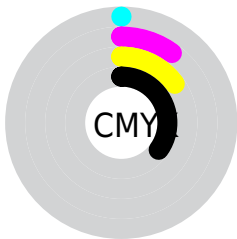
Blue (55%)



Red (65%)

Yellow (59%)

Blue (55%)

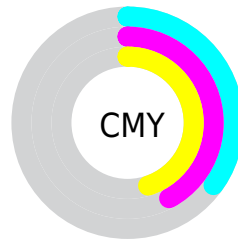


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (35%)



Cyan (35%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1022, 0.3375, 0.3396 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 31.1022, 0.3375, 0.3396 by changing the saturation by 10% instead.


 31.1022, 0.3375,
0.3396


 31.1022, 0.3375,
0.3396


307.0089, 0.3242,
0.3341

 20.6767, 0.3411,
0.3411


 61.4009, 0.3324,
0.3375

 12.8879, 0.3461,
0.3430


 82.0430, 0.3306,
0.3368

 7.3514, 0.3530,
0.3457


 106.8593, 0.3291,
0.3361

 3.6828, 0.3636,
0.3496

136.2342, 0.3278,
0.3356

 1.4978, 0.3816,
0.3557

170.5523, 0.3267,
0.3351

 0.2872, 0.5801,
0.4199


210.1978, 0.3258,


 0.0000, 0.0000,


0.3347


0.0000

255.5552, 0.3249,
0.3344


 31.1022, 0.3375,
0.3396


 31.1022, 0.3375,
0.3396


 27.1699, 0.3585,
0.3474

 35.4795, 0.3198,
0.3322

 23.6644, 0.3831,
0.3554


 40.3111, 0.3049,
0.3253


 20.5722, 0.4118,
0.3631

 45.6112, 0.2923,
0.3189

 17.8775, 0.4443,
0.3700

 51.3923, 0.2816,
0.3131

 15.5636, 0.4798,
0.3750

 57.6661, 0.2726,
0.3079

■ 13.6123, 0.5167,
0.3770

■ 64.4440, 0.2648,
0.3030

■ 12.0039, 0.5519,
0.3751

■ 71.6417, 0.2589,
0.3003

■ 10.7163, 0.5819,
0.3687

■ 78.3442, 0.2607,
0.3137

■ 10.1330, 0.5965,
0.3646

■ 85.4894, 0.2625,
0.3267

Harmonies

Analogous

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



31.1022, 0.3335, 0.3289



31.1022, 0.3375, 0.3396



31.1022, 0.3347, 0.3478

Triad

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



31.1022, 0.3375, 0.3396



31.1022, 0.3014, 0.3399



31.1022, 0.2994, 0.3077

Complementary

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



31.1022, 0.3375, 0.3396



32.8165, 0.2908, 0.3182

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.



31.1022, 0.2911, 0.3101



31.1022, 0.3375, 0.3396



31.1022, 0.2923, 0.3286

Square

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



31.1022, 0.3375, 0.3396



31.1022, 0.3137, 0.3482



31.1022, 0.2886, 0.3177



31.1022, 0.3113, 0.3108

Rectangle

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



31.1022, 0.3375, 0.3396



31.1022, 0.3293, 0.3506



31.1022, 0.2886, 0.3177



31.1022, 0.2961, 0.3079

Sweetspot

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



31.1036, 0.3375, 0.3396



63.9444, 0.3191, 0.3319



29.5204, 0.3211, 0.3036



13.8490, 0.3202, 0.3324



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.



31.1036, 0.3375, 0.3396



53.6880, 0.3430, 0.3417



34.9834, 0.3350, 0.3568



7.4081, 0.3278, 0.3356



7.7459, 0.5947, 0.3660



0.2406, 0.5282, 0.4188

Inverse Universe

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



32.8165, 0.2908, 0.3182



57.2738, 0.2866, 0.3159



28.9955, 0.2902, 0.2996



7.6594, 0.2987, 0.3223



11.7183, 0.1980, 0.2327



0.3216, 0.2088, 0.2717

Previews

White Background



This preview shows how the Yxy color 31.1022, 0.3375, 0.3396 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 31.1022, 0.3375, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

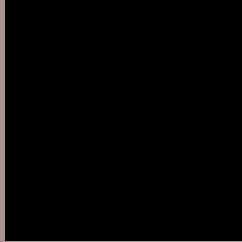
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1022, 0.3375, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 31.1022, 0.3375, 0.3396.



This preview shows how white text looks on a background with the Yxy color 31.1022, 0.3375, 0.3396.

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

31.1022, 0.3375, 0.3396

Protanopia

31.1843, 0.3255, 0.3413

Deuteranopia

31.0269, 0.3434, 0.3365



Tritanopia

31.2076, 0.3239, 0.3129

Trichromacy



Original Color

31.1022, 0.3375, 0.3396

Protanomaly

31.1366, 0.3298, 0.3413

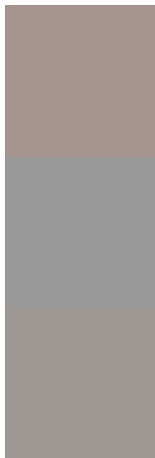
Deuteranomaly

31.1154, 0.3410, 0.3380

Tritanomaly

31.2088, 0.3287, 0.3231

Monochromacy



Original Color

31.1022, 0.3375, 0.3396

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4394, 0.3217, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1022, 0.3375, 0.3396 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, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 141)  
}
```

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, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 141) }
```

Border

The CSS property to change the border of an element to Yxy 31.1022, 0.3375, 0.3396 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, 148, 141) }
```

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

```
.border{ border-color:rgb(165, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1022, 0.3375, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 141) }
```

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

```
.background{ background-color: rgb(165,  
148, 141) }
```

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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