

Converting Colors

Yxy(31.4173, 0.3373, 0.3411)

Have a look what the booklet for
Yxy(31.4173, 0.3373, 0.3411)
contains.

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Color

Yxy(31.4173, 0.3373, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	A5958D
RGB	165, 149, 141
RGB Percent	65%, 58%, 55%
CMY	0.3530, 0.4156, 0.4471
CMYK	0.00, 0.10, 0.15, 0.35
HSL	20°, 12%, 60%
HSV	20°, 15%, 65%
XYZ	31.0673, 31.4173, 29.6212
YIQ	152.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

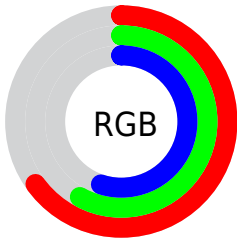
Format	Color
RYB	165, 153, 141
Decimal	10851725
CIELab	62.86, 4.52, 6.37
CIELCh	63, 7.809, 54.669
Yxy	31.4173, 0.3373, 0.3411
Android (android.graphics.Color)	4289041805 (0xFFA5958D)
YUV	152.8720, -5.8529, 10.6363
Hunter-Lab	56.0511, 0.8472, 7.9029

Details

The Yxy color **31.4173, 0.3373, 0.3411** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4737, 0.2907, 0.3166**, and the grayscale version is **31.8178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8676, 0.3319, 0.3381**, and **13.0014, 0.3458, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **27.6518, 0.3579, 0.3500**, and if you desaturate by 10%, it is **35.5861, 0.3198, 0.3327**.

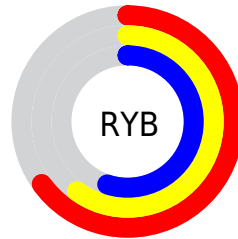
Distribution



Red (65%)

Green (58%)

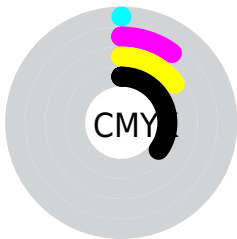
Blue (55%)



Red (65%)

Yellow (60%)

Blue (55%)

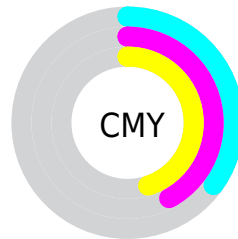


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4173, 0.3373, 0.3411 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 31.4173, 0.3373, 0.3411 by changing the saturation by 10% instead.

■ 31.4173, 0.3373,
0.3411

■ 31.4173, 0.3373,
0.3411

308.4562, 0.3241,
0.3348

■ 20.9168, 0.3409,
0.3428

■ 61.8965, 0.3323,
0.3387

■ 13.0632, 0.3457,
0.3450

■ 82.6440, 0.3305,
0.3379

■ 7.4721, 0.3526,
0.3481

■ 107.5759, 0.3290,
0.3371

■ 3.7591, 0.3630,
0.3526

137.0767, 0.3277,
0.3365

■ 1.5397, 0.3806,
0.3598

171.5307, 0.3266,
0.3360

■ 0.3164, 0.5650,
0.4350

211.3224, 0.3257,

■ 0.0000, 0.0000,

0.3355

0.0000

256.8361, 0.3249,
0.3351

■ 31.4173, 0.3373,
0.3411

■ 31.4173, 0.3373,
0.3411

■ 27.6518, 0.3579,
0.3500

■ 35.5861, 0.3198,
0.3327

■ 24.2733, 0.3819,
0.3591

■ 40.1658, 0.3049,
0.3248

■ 21.2703, 0.4095,
0.3679

■ 45.1690, 0.2922,
0.3175

■ 18.6292, 0.4406,
0.3758

■ 50.6063, 0.2815,
0.3108

■ 16.3354, 0.4745,
0.3817

■ 56.4882, 0.2723,
0.3048

■ 14.3734, 0.5094,
0.3846

■ 62.8246, 0.2644,
0.2992

■ 12.7262, 0.5428,
0.3833

■ 69.5301, 0.2583,
0.2958

■ 11.3748, 0.5716,
0.3771

■ 75.6874, 0.2600,
0.3085

■ 10.7481, 0.5860,
0.3729

■ 82.2338, 0.2617,
0.3209

Harmonies

Analogous

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



31.4173, 0.3344, 0.3307



31.4173, 0.3373, 0.3411



31.4173, 0.3334, 0.3485

Triad

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



31.4173, 0.3373, 0.3411



31.4173, 0.2998, 0.3380



31.4173, 0.3013, 0.3080

Complementary

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



31.4173, 0.3373, 0.3411



32.4737, 0.2907, 0.3166

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.



31.4173, 0.2923, 0.3095



31.4173, 0.3373, 0.3411



31.4173, 0.2914, 0.3267

Square

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



31.4173, 0.3373, 0.3411



31.4173, 0.3116, 0.3470



31.4173, 0.2887, 0.3162



31.4173, 0.3135, 0.3119

Rectangle

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



31.4173, 0.3373, 0.3411



31.4173, 0.3276, 0.3507



31.4173, 0.2887, 0.3162



31.4173, 0.2978, 0.3079

Sweetspot

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



31.4187, 0.3373, 0.3411



64.1201, 0.3190, 0.3323



29.4766, 0.3224, 0.3054



13.8939, 0.3202, 0.3329



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.



31.4187, 0.3373, 0.3411



54.3462, 0.3427, 0.3435



35.4006, 0.3348, 0.3585



7.4553, 0.3277, 0.3366



8.2179, 0.5841, 0.3744



0.2568, 0.5179, 0.4270

Inverse Universe

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



32.4737, 0.2907, 0.3166



56.5533, 0.2865, 0.3140



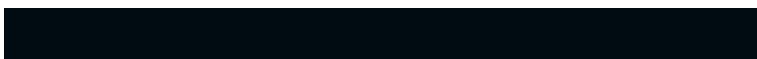
28.6240, 0.2901, 0.2977



7.6100, 0.2987, 0.3213



10.5518, 0.1939, 0.2180



0.3032, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 31.4173, 0.3373, 0.3411 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 31.4173, 0.3373, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

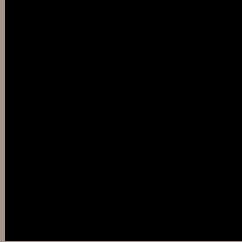
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4173, 0.3373, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 31.4173, 0.3373, 0.3411.



This preview shows how white text looks on a background with the Yxy color 31.4173, 0.3373, 0.3411.

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

31.4173, 0.3373, 0.3411

Protanopia

31.5776, 0.3273, 0.3444

Deuteranopia

31.4485, 0.3442, 0.3379



Tritanopia

31.2419, 0.3229, 0.3115

Trichromacy



Original Color

31.4173, 0.3373, 0.3411

Protanomaly

31.5598, 0.3306, 0.3427

Deuteranomaly

31.5379, 0.3418, 0.3394

Tritanomaly

31.2414, 0.3277, 0.3217

Monochromacy



Original Color

31.4173, 0.3373, 0.3411

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.7945, 0.3206, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4173, 0.3373, 0.3411 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, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 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, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 141) }
```

Border

The CSS property to change the border of an element to Yxy 31.4173, 0.3373, 0.3411 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, 149, 141) }
```

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

```
.border{ border-color:rgb(165, 149, 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, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
141) }
```


Background

The CSS property to change the background color of an element to `rgb(165, 149, 141)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 141) }
```

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

```
.background{ background-color: rgb(165,  
149, 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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