

Converting Colors

$Yxy(32.6133, 0.3173, 0.3366)$

Have a look what the booklet for
Yxy(32.6133, 0.3173, 0.3366)
contains.

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Color

Yxy(32.6133, 0.3173, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	9B9B96
RGB	155, 155, 150
RGB Percent	61%, 61%, 59%
CMY	0.3922, 0.3921, 0.4117
CMYK	0.00, 0.00, 0.03, 0.39
HSL	60°, 2%, 60%
HSV	60°, 3%, 61%
XYZ	30.7433, 32.6133, 33.5338
YIQ	154.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

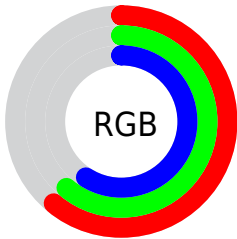
Format	Color
RYB	150, 155, 150
Decimal	10197910
CIELab	63.85, -0.95, 2.60
CIELCh	64, 2.769, 109.952
Yxy	32.6133, 0.3173, 0.3366
Android (android.graphics.Color)	4288387990 (0xFF9B9B96)
YUV	154.4300, -2.1840, 0.4999
Hunter-Lab	57.1081, -3.8461, 5.1606

Details

The Yxy color **32.6133, 0.3173, 0.3366** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6702, 0.3081, 0.3213**, and the grayscale version is **32.5234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5159, 0.3162, 0.3348**, and **13.7445, 0.3193, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **32.1434, 0.3319, 0.3608**, and if you desaturate by 10%, it is **33.1521, 0.3033, 0.3134**.

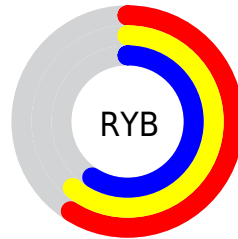
Distribution



Red (61%)

Green (61%)

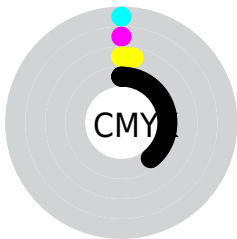
Blue (59%)



Red (59%)

Yellow (61%)

Blue (59%)

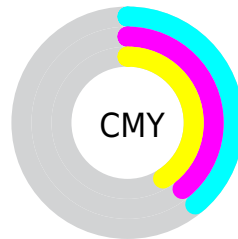


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (39%)



Cyan (39%)


Magenta (39%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6133, 0.3173, 0.3366 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 32.6133, 0.3173, 0.3366 by changing the saturation by 10% instead.

 32.6133, 0.3173,
0.3366


 32.6133, 0.3173,
0.3366


313.9036, 0.3149,
0.3326

 21.8304, 0.3180,
0.3377


 63.7713, 0.3164,
0.3351

 13.7323, 0.3188,
0.3392


 84.9152, 0.3161,
0.3345

 7.9347, 0.3200,
0.3412


110.2815, 0.3158,
0.3341

 4.0532, 0.3219,
0.3443

140.2547, 0.3155,
0.3337

 1.7034, 0.3249,
0.3495

175.2191, 0.3153,
0.3333

 0.4258, 0.3504,
0.3910

215.5591, 0.3152,

 0.0000, 0.0000,

0.3331

0.0000

261.6592, 0.3150,
0.3328

■ 32.6133, 0.3173,
0.3366

■ 32.6133, 0.3173,
0.3366

■ 32.1434, 0.3319,
0.3608

■ 33.1521, 0.3033,
0.3134

■ 31.7355, 0.3466,
0.3853

■ 33.7580, 0.2901,
0.2915

■ 31.3884, 0.3612,
0.4096

■ 34.4347, 0.2778,
0.2711

■ 31.0991, 0.3751,
0.4326

■ 35.1845, 0.2664,
0.2523

■ 30.8645, 0.3878,
0.4537

■ 36.0093, 0.2561,
0.2351

■ 30.6809, 0.3986,
0.4718

■ 36.9112, 0.2467,
0.2195

■ 30.5446, 0.4073,
0.4862

■ 37.6637, 0.2400,
0.2085

■ 30.4511, 0.4135,
0.4965

■ 37.6682, 0.2401,
0.2086

■ 30.3951, 0.4171,
0.5028

■ 37.6727, 0.2401,
0.2086

Harmonies

Analogous

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



32.6133, 0.3203, 0.3356



32.6133, 0.3173, 0.3366



32.6133, 0.3131, 0.3356

Triad

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



32.6133, 0.3173, 0.3366



32.6133, 0.3043, 0.3251



32.6133, 0.3166, 0.3254

Complementary

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



32.6133, 0.3173, 0.3366



30.6702, 0.3081, 0.3213

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.



32.6133, 0.3123, 0.3226



32.6133, 0.3173, 0.3366



32.6133, 0.3052, 0.3224

Square

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



32.6133, 0.3173, 0.3366



32.6133, 0.3056, 0.3289



32.6133, 0.3081, 0.3215



32.6133, 0.3199, 0.3291

Rectangle

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



32.6133, 0.3173, 0.3366



32.6133, 0.3102, 0.3338



32.6133, 0.3081, 0.3215



32.6133, 0.3153, 0.3243

Sweetspot

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



32.6147, 0.3173, 0.3366



58.6063, 0.3142, 0.3314



30.9884, 0.3178, 0.3290



13.2665, 0.3141, 0.3313



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.



32.6147, 0.3173, 0.3366



58.3279, 0.3185, 0.3386



32.3717, 0.3148, 0.3367



7.2714, 0.3193, 0.3399



24.3909, 0.4188, 0.5056



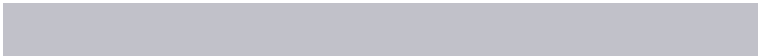
0.3649, 0.4191, 0.5055

Inverse Universe

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



30.6702, 0.3081, 0.3213



53.9439, 0.3068, 0.3192



30.9082, 0.3106, 0.3214



6.6555, 0.3060, 0.3179



1.9035, 0.1501, 0.0601



0.0287, 0.1508, 0.0604

Previews

White Background



This preview shows how the Yxy color 32.6133, 0.3173, 0.3366 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 32.6133, 0.3173, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

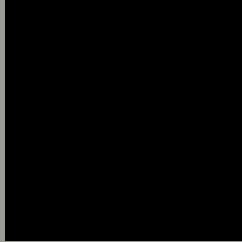
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

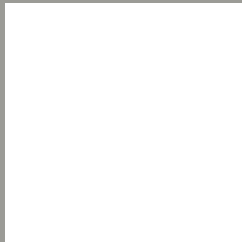
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6133, 0.3173, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 32.6133, 0.3173, 0.3366.



This preview shows how white text looks on a background with the Yxy color 32.6133, 0.3173, 0.3366.

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

32.6133, 0.3173, 0.3366

Protanopia

32.6521, 0.3224, 0.3366

Deuteranopia

32.7050, 0.3334, 0.3276



Tritanopia

32.6672, 0.3057, 0.3112

Trichromacy



Original Color

32.6133, 0.3173, 0.3366

Protanomaly

32.5502, 0.3214, 0.3366

Deuteranomaly

32.6902, 0.3269, 0.3305

Tritanomaly

32.7172, 0.3092, 0.3200

Monochromacy



Original Color

32.6133, 0.3173, 0.3366

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.2811, 0.3136, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6133, 0.3173, 0.3366 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(155, 155, 150)` looks like.

```
.text, #text, p{  
    color:rgb(155, 155, 150)  
}
```

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(155, 155, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 155, 150) }
```

Border

The CSS property to change the border of an element to Yxy 32.6133, 0.3173, 0.3366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

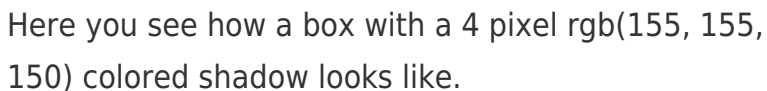
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 155, 150) }
```

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

```
.border{ border-color:rgb(155, 155, 150) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 155, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 155, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 155, 150); box-shadow:4px 4px 4px 4px rgb(155, 155, 150) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6133, 0.3173, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 155, 150) }
```

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

```
.background{ background-color: rgb(155,  
155, 150) }
```

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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