

Converting Colors

$Yxy(32.5181, 0.3638, 0.3543)$

Have a look what the booklet for
Yxy(32.5181, 0.3638, 0.3543)
contains.

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Color

Yxy(32.4022, 0.3631, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	B39483
RGB	179, 148, 131
RGB Percent	70%, 58%, 51%
CMY	0.2979, 0.4196, 0.4862
CMYK	0.00, 0.17, 0.27, 0.30
HSL	21°, 24%, 61%
HSV	21°, 27%, 70%
XYZ	33.2821, 32.4022, 25.9768
YIQ	155.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

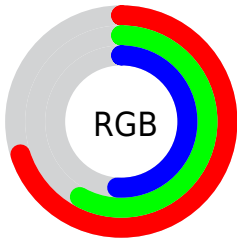
Format	Color
RYB	179, 157, 131
Decimal	11768963
CIELab	63.67, 9.00, 13.33
CIELCh	64, 16.080, 55.971
Yxy	32.4022, 0.3631, 0.3535
Android (android.graphics.Color)	4289959043 (0xFFB39483)
YUV	155.3310, -11.9952, 20.7577
Hunter-Lab	56.9229, 4.7517, 12.7891

Details

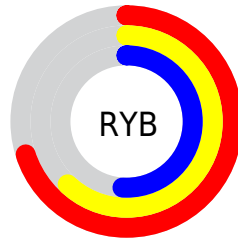
The Yxy color **32.4022, 0.3631, 0.3535** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9386, 0.2717, 0.3031**, and the grayscale version is **32.9809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3639, 0.3526, 0.3489**, and **13.5186, 0.3790, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **28.5092, 0.3878, 0.3631**, and if you desaturate by 10%, it is **36.7450, 0.3418, 0.3440**.

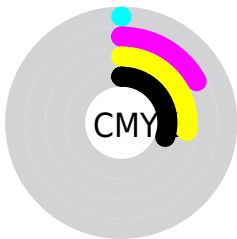
Distribution



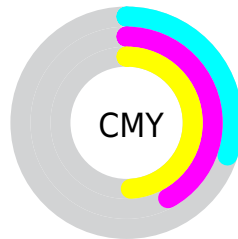
- Red (70%)
- Green (58%)
- Blue (51%)



- Red (70%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4022, 0.3631, 0.3535 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 32.4022, 0.3631, 0.3535 by changing the saturation by 10% instead.


 32.4022, 0.3631,
0.3535


 32.4022, 0.3631,
0.3535

312.9473, 0.3362,
0.3410


 21.6689, 0.3704,
0.3567

 63.4411, 0.3529,
0.3489

 13.6138, 0.3802,
0.3608


 84.5154, 0.3492,
0.3472

 7.8526, 0.3938,
0.3662

 109.8056, 0.3461,
0.3457

 4.0007, 0.4141,
0.3736

139.6960, 0.3435,
0.3445

 1.6740, 0.4494,
0.3856

174.5709, 0.3413,
0.3435

 0.4067, 0.5985,
0.4015

214.8149, 0.3394,

 0.0000, 0.0000,

0.3425

0.0000

260.8122, 0.3377,
0.3417

■ 32.4022, 0.3631,
0.3535

■ 32.4022, 0.3631,
0.3535

■ 28.5092, 0.3878,
0.3631

■ 36.7450, 0.3418,
0.3440

■ 25.0465, 0.4160,
0.3723

■ 41.5472, 0.3236,
0.3349

■ 22.0000, 0.4475,
0.3803

■ 46.8239, 0.3080,
0.3264

■ 19.3526, 0.4811,
0.3861

■ 52.5879, 0.2948,
0.3185

■ 17.0862, 0.5152,
0.3883

■ 58.8518, 0.2836,
0.3113

■ 15.1809, 0.5471,
0.3859

■ 65.6274, 0.2739,
0.3047

■ 13.6133, 0.5740,
0.3787

■ 72.8402, 0.2664,
0.3000

■ 13.1771, 0.5820,
0.3761

■ 79.4581, 0.2678,
0.3131

■ 86.5109, 0.2692,
0.3258

Harmonies

Analogous

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



32.4022, 0.3579, 0.3327



32.4022, 0.3631, 0.3535



32.4022, 0.3542, 0.3690

Triad

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



32.4022, 0.3631, 0.3535



32.4022, 0.2854, 0.3465



32.4022, 0.2903, 0.2873

Complementary

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



32.4022, 0.3631, 0.3535



33.9386, 0.2717, 0.3031

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.



32.4022, 0.2722, 0.2892



32.4022, 0.3631, 0.3535



32.4022, 0.2695, 0.3225

Square

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



32.4022, 0.3631, 0.3535



32.4022, 0.3089, 0.3659



32.4022, 0.2648, 0.3016



32.4022, 0.3150, 0.2956

Rectangle

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



32.4022, 0.3631, 0.3535



32.4022, 0.3417, 0.3738



32.4022, 0.2648, 0.3016



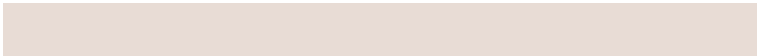
32.4022, 0.2832, 0.2868

Sweetspot

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



32.4037, 0.3631, 0.3535



73.2065, 0.3258, 0.3360



28.4393, 0.3335, 0.2852



15.9256, 0.3284, 0.3374



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.4037, 0.3631, 0.3535



53.9301, 0.3768, 0.3590



40.6641, 0.3549, 0.3857



8.9807, 0.3279, 0.3371



9.4211, 0.5799, 0.3778



0.4089, 0.5259, 0.4206

Inverse Universe

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



33.9386, 0.2717, 0.3031



57.1177, 0.2631, 0.2967



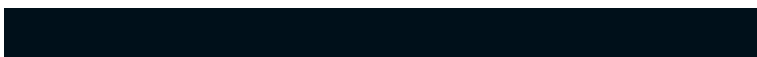
26.3206, 0.2681, 0.2651



9.1156, 0.2986, 0.3208



11.2024, 0.1919, 0.2107



0.4574, 0.2021, 0.2475

Previews

White Background



This preview shows how the Yxy color 32.4022, 0.3631, 0.3535 looks on a white background.

Color Contrast Check

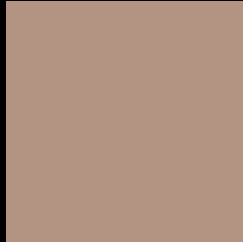
Large Text (above 18pt) WCAG AA × Fail

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 32.4022, 0.3631, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

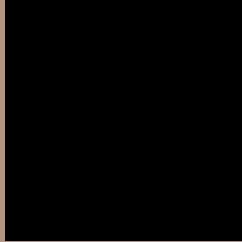
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4022, 0.3631, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 32.4022, 0.3631, 0.3535.



This preview shows how white text looks on a background with the Yxy color 32.4022, 0.3631, 0.3535.

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

32.4022, 0.3631, 0.3535

Protanopia

32.5138, 0.3399, 0.3593

Deuteranopia

32.5986, 0.3616, 0.3550



Tritanopia

32.2919, 0.3411, 0.3123

Trichromacy



Original Color

32.4022, 0.3631, 0.3535

Protanomaly

32.4748, 0.3478, 0.3573

Deuteranomaly

32.5986, 0.3616, 0.3550

Tritanomaly

32.1811, 0.3493, 0.3263

Monochromacy



Original Color

32.4022, 0.3631, 0.3535

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4243, 0.3307, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4022, 0.3631, 0.3535 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(179, 148, 131)` looks like.

```
.text, #text, p{  
    color:rgb(179, 148, 131)  
}
```

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(179, 148, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 148, 131) }
```

Border

The CSS property to change the border of an element to Yxy 32.4022, 0.3631, 0.3535 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(179, 148, 131) }
```

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

```
.border{ border-color:rgb(179, 148, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 148, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 148, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 148, 131);  
box-shadow:4px 4px 4px 4px rgb(179, 148,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4022, 0.3631, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 148, 131) }
```

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

```
.background{ background-color: rgb(179,  
148, 131) }
```

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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