

Converting Colors

Yxy(31.5715, 0.3723, 0.3623)

Have a look what the booklet for
Yxy(31.5715, 0.3723, 0.3623)
contains.

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Color

Yxy(31.5715, 0.3723, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	B3927B
RGB	179, 146, 123
RGB Percent	70%, 57%, 48%
CMY	0.2981, 0.4274, 0.5176
CMYK	0.00, 0.18, 0.31, 0.30
HSL	25°, 27%, 59%
HSV	25°, 31%, 70%
XYZ	32.4429, 31.5715, 23.1275
YIQ	153.2450, 27.0510, -0.1570

Conversions

Conversions Part 2

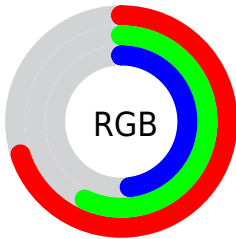
Format	Color
RYB	179, 162, 123
Decimal	11768443
CIELab	62.99, 8.97, 16.85
CIELCh	63, 19.093, 61.974
Yxy	31.5715, 0.3723, 0.3623
Android (android.graphics.Color)	4289958523 (0xFFB3927B)
YUV	153.2450, -14.9108, 22.5871
Hunter-Lab	56.1885, 4.7349, 14.9279

Details

The Yxy color **31.5715, 0.3723, 0.3623** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2412, 0.2644, 0.2930**, and the grayscale version is **32.0256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2760, 0.3602, 0.3556**, and **13.2201, 0.3920, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **28.0617, 0.3974, 0.3733**, and if you desaturate by 10%, it is **35.4661, 0.3503, 0.3512**.

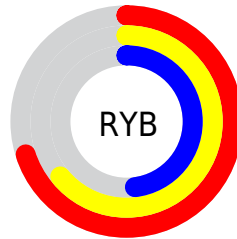
Distribution



Red (70%)

Green (57%)

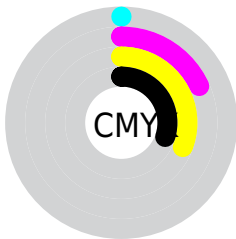
Blue (48%)



Red (70%)

Yellow (64%)

Blue (48%)

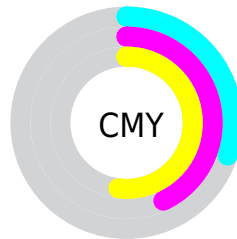


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (30%)



Cyan (30%)


Magenta (43%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5715, 0.3723, 0.3623 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 31.5715, 0.3723, 0.3623 by changing the saturation by 10% instead.

 31.5715, 0.3723,
0.3623


 31.5715, 0.3723,
0.3623


309.1626, 0.3404,
0.3452


 21.0344, 0.3810,
0.3666


 62.1387, 0.3602,
0.3560

 13.1492, 0.3925,
0.3722


 82.9377, 0.3558,
0.3537

 7.5313, 0.4086,
0.3795


 107.9260, 0.3522,
0.3517

 3.7966, 0.4325,
0.3893

137.4882, 0.3491,
0.3500

 1.5604, 0.4839,
0.4135

172.0085, 0.3464,
0.3486

 0.3307, 0.6173,
0.3827

211.8714, 0.3442,

 0.0000, 0.0000,

0.3473

0.0000

257.4613, 0.3422,
0.3462

■ 31.5715, 0.3723,
0.3623

■ 31.5715, 0.3723,
0.3623

■ 28.0617, 0.3974,
0.3733

■ 35.4661, 0.3503,
0.3512

■ 24.9199, 0.4254,
0.3835

■ 39.7531, 0.3311,
0.3404

■ 22.1342, 0.4557,
0.3920


■ 44.4452, 0.3146,
0.3302


■ 19.6902, 0.4871,
0.3976


■ 49.5534, 0.3005,
0.3208

■ 17.5726, 0.5178,
0.3989


■ 55.0879, 0.2883,
0.3120

 15.7641, 0.5453,
0.3952

 61.0589, 0.2778,
0.3040

 14.4169, 0.5662,
0.3886

 67.4759, 0.2687,
0.2966

 73.6055, 0.2665,
0.3016

 79.6668, 0.2679,
0.3135

Harmonies

Analogous

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



31.5715, 0.3696, 0.3382



31.5715, 0.3723, 0.3623



31.5715, 0.3583, 0.3792

Triad

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



31.5715, 0.3723, 0.3623



31.5715, 0.2753, 0.3443



31.5715, 0.2912, 0.2807

Complementary

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



31.5715, 0.3723, 0.3623



31.2412, 0.2644, 0.2930

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.



31.5715, 0.2678, 0.2801



31.5715, 0.3723, 0.3623



31.5715, 0.2590, 0.3154

Square

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



31.5715, 0.3723, 0.3623



31.5715, 0.3019, 0.3699



31.5715, 0.2563, 0.2922



31.5715, 0.3215, 0.2926

Rectangle

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



31.5715, 0.3723, 0.3623



31.5715, 0.3419, 0.3833



31.5715, 0.2563, 0.2922



31.5715, 0.2823, 0.2791

Sweetspot

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



31.5730, 0.3723, 0.3623



72.9282, 0.3274, 0.3382



26.1725, 0.3411, 0.2814



15.8970, 0.3299, 0.3397



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.



31.5730, 0.3723, 0.3623



51.8546, 0.3905, 0.3705



41.0496, 0.3612, 0.3988



9.0595, 0.3277, 0.3384



10.3109, 0.5642, 0.3902



0.4406, 0.5143, 0.4299

Inverse Universe

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



31.2412, 0.2644, 0.2930



51.1483, 0.2531, 0.2830



23.0648, 0.2592, 0.2480



9.0344, 0.2986, 0.3194



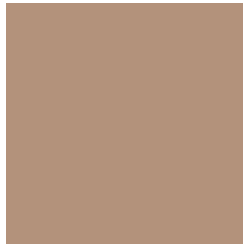
9.6373, 0.1863, 0.1906



0.4147, 0.1982, 0.2334

Previews

White Background



This preview shows how the Yxy color 31.5715, 0.3723, 0.3623 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 31.5715, 0.3723, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

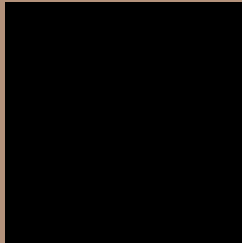
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5715, 0.3723, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 31.5715, 0.3723, 0.3623.



This preview shows how white text looks on a background with the Yxy color 31.5715, 0.3723, 0.3623.

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

31.5715, 0.3723, 0.3623

Protanopia

31.5399, 0.3473, 0.3689

Deuteranopia

31.7625, 0.3708, 0.3639



Tritanopia

31.5910, 0.3447, 0.3137

Trichromacy



Original Color

31.5715, 0.3723, 0.3623

Protanomaly

31.6182, 0.3566, 0.3666

Deuteranomaly

31.7625, 0.3708, 0.3639

Tritanomaly

31.4217, 0.3552, 0.3305

Monochromacy



Original Color

31.5715, 0.3723, 0.3623

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4471, 0.3329, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5715, 0.3723, 0.3623 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, 146, 123)` looks like.

```
.text, #text, p{  
    color:rgb(179, 146, 123)  
}
```

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, 146, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 146, 123) }
```

Border

The CSS property to change the border of an element to Yxy 31.5715, 0.3723, 0.3623 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, 146, 123) }
```

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

```
.border{ border-color:rgb(179, 146, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 146, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 146, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 146, 123);  
box-shadow:4px 4px 4px 4px rgb(179, 146,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5715, 0.3723, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 146, 123) }
```

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

```
.background{ background-color: rgb(179,  
146, 123) }
```

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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