

Converting Colors

$Yxy(30.7715, 0.3275, 0.3073)$

Have a look what the booklet for
Yxy(30.7715, 0.3275, 0.3073)
contains.

Yxy(30.7715, 0.3275, 0.3073)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.7715, 0.3275, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	AB8F9E
RGB	171, 143, 158
RGB Percent	67%, 56%, 62%
CMY	0.3293, 0.4392, 0.3803
CMYK	0.00, 0.16, 0.08, 0.33
HSL	328°, 14%, 62%
HSV	328°, 16%, 67%
XYZ	32.7942, 30.7715, 36.5693
YIQ	153.0820, 11.8730, 10.6010

Conversions

Conversions Part 2

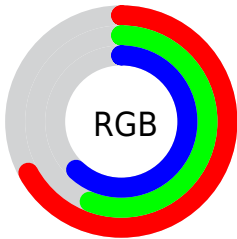
Format	Color
RYB	171, 143, 158
Decimal	11243422
CIELab	62.31, 13.13, -4.00
CIELCh	62, 13.723, 343.067
Yxy	30.7715, 0.3275, 0.3073
Android (android.graphics.Color)	4289433502 (0xFFAB8F9E)
YUV	153.0820, 2.4246, 15.7141
Hunter-Lab	55.4721, 8.4503, -0.2558

Details

The Yxy color **30.7715, 0.3275, 0.3073** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3745, 0.3002, 0.3518**, and the grayscale version is **31.8802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0675, 0.3246, 0.3114**, and **12.8122, 0.3326, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **25.7593, 0.3389, 0.2933**, and if you desaturate by 10%, it is **36.5869, 0.3180, 0.3208**.

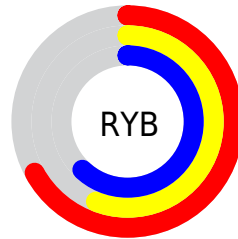
Distribution



Red (67%)

Green (56%)

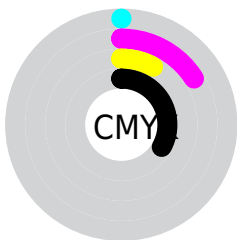
Blue (62%)



Red (67%)

Yellow (56%)

Blue (62%)

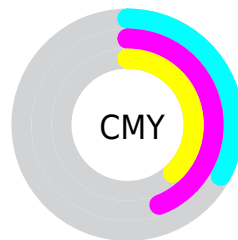


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (33%)



Cyan (33%)


Magenta (44%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7715, 0.3275, 0.3073 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 30.7715, 0.3275, 0.3073 by changing the saturation by 10% instead.


 30.7715, 0.3275,
0.3073


 30.7715, 0.3275,
0.3073


305.4842, 0.3197,
0.3187


 20.4249, 0.3296,
0.3042


 60.8801, 0.3246,
0.3116

 12.7043, 0.3324,
0.3002


 81.4110, 0.3235,
0.3132

 7.2252, 0.3363,
0.2946

 106.1054, 0.3226,
0.3145

 3.6034, 0.3422,
0.2862

135.3477, 0.3218,
0.3156

 1.4543, 0.3519,
0.2725

169.5223, 0.3212,
0.3165

 0.2562, 0.4091,
0.1858

209.0137, 0.3206,

 0.0000, 0.0000,

0.3174

0.0000

254.2062, 0.3201,
0.3181

■ 30.7715, 0.3275,
0.3073

■ 30.7715, 0.3275,
0.3073

■ 25.7593, 0.3389,
0.2933

■ 36.5869, 0.3180,
0.3208

■ 21.5105, 0.3524,
0.2793

■ 43.2347, 0.3100,
0.3335

■ 17.9882, 0.3681,
0.2657

■ 50.7480, 0.3034,
0.3454

■ 15.1505, 0.3860,
0.2535

■ 59.1564, 0.2980,
0.3564

■ 12.9514, 0.4060,
0.2437

■ 68.4885, 0.2934,
0.3665

■ 11.3392, 0.4275,
0.2375

■ 78.7715, 0.2897,
0.3757

■ 10.2538, 0.4497,
0.2360

■ 85.0127, 0.2861,
0.3762

■ 9.6132, 0.4715,
0.2397

■ 85.4268, 0.2820,
0.3668

■ 9.4284, 0.4795,
0.2415

■ 85.8609, 0.2780,
0.3576

Harmonies

Analogous

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



30.7715, 0.3051, 0.2957



30.7715, 0.3275, 0.3073



30.7715, 0.3463, 0.3243

Triad

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



30.7715, 0.3275, 0.3073



30.7715, 0.3398, 0.3675



30.7715, 0.2713, 0.3125

Complementary

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



30.7715, 0.3275, 0.3073



37.3745, 0.3002, 0.3518

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.



30.7715, 0.2799, 0.3325



30.7715, 0.3275, 0.3073



30.7715, 0.3191, 0.3653

Square

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



30.7715, 0.3275, 0.3073



30.7715, 0.3535, 0.3590



30.7715, 0.2972, 0.3523



30.7715, 0.2733, 0.2980

Rectangle

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



30.7715, 0.3275, 0.3073



30.7715, 0.3540, 0.3369



30.7715, 0.2972, 0.3523



30.7715, 0.2731, 0.3188

Sweetspot

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



30.7729, 0.3275, 0.3073



66.9685, 0.3168, 0.3225



29.6126, 0.2990, 0.2873



14.7624, 0.3174, 0.3216



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.7729, 0.3275, 0.3073



51.3700, 0.3318, 0.3018



30.3291, 0.3417, 0.3270



8.0845, 0.3206, 0.3169



7.1160, 0.4775, 0.2404



0.2089, 0.4183, 0.2078

Inverse Universe

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



30.7729, 0.3275, 0.3073



51.3700, 0.3318, 0.3018



37.8625, 0.2895, 0.3310



8.0845, 0.3206, 0.3169



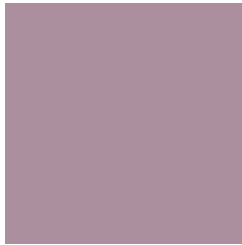
7.1160, 0.4775, 0.2404



0.2089, 0.4183, 0.2078

Previews

White Background



This preview shows how the Yxy color 30.7715, 0.3275, 0.3073 looks on a white background.

Color Contrast Check

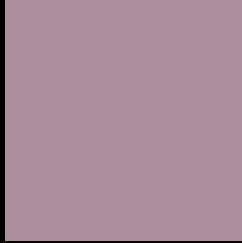
Large Text (above 18pt) WCAG AA × Fail

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 30.7715, 0.3275, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

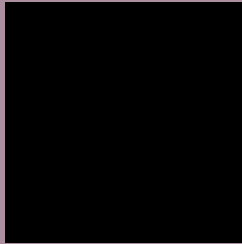
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7715, 0.3275, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 30.7715, 0.3275, 0.3073.



This preview shows how white text looks on a background with the Yxy color 30.7715, 0.3275, 0.3073.

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

30.7715, 0.3275, 0.3073

Protanopia

30.9054, 0.3016, 0.3107

Deuteranopia

30.6735, 0.3187, 0.3126



Tritanopia

30.9710, 0.3304, 0.3131

Trichromacy



Original Color

30.7715, 0.3275, 0.3073

Protanomaly

30.7097, 0.3106, 0.3081

Deuteranomaly

30.6845, 0.3219, 0.3113

Tritanomaly

31.0047, 0.3294, 0.3117

Monochromacy



Original Color

30.7715, 0.3275, 0.3073

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3350, 0.3183, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7715, 0.3275, 0.3073 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(171, 143, 158)` looks like.

```
.text, #text, p{  
    color:rgb(171, 143, 158)  
}
```

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(171, 143, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 143, 158) }
```

Border

The CSS property to change the border of an element to Yxy 30.7715, 0.3275, 0.3073 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(171, 143, 158) }
```

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

```
.border{ border-color:rgb(171, 143, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 143, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 143, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 143, 158);  
box-shadow:4px 4px 4px 4px rgb(171, 143,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7715, 0.3275, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 143, 158) }
```

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

```
.background{ background-color: rgb(171,  
143, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor