

Converting Colors

Yxy(31.5721, 0.3256, 0.3109)

Have a look what the booklet for
Yxy(31.5721, 0.3256, 0.3109)
contains.

Yxy(31.5724, 0.3260, 0.3117)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.5724, 0.3260, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	AA929E
RGB	170, 146, 158
RGB Percent	67%, 57%, 62%
CMY	0.3335, 0.4274, 0.3804
CMYK	0.00, 0.14, 0.07, 0.33
HSL	330°, 12%, 62%
HSV	330°, 14%, 67%
XYZ	33.0209, 31.5724, 36.6977
YIQ	154.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

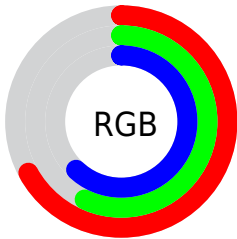
Format	Color
RYB	170, 146, 158
Decimal	11178654
CIELab	62.99, 11.03, -3.00
CIELCh	63, 11.431, 344.794
Yxy	31.5724, 0.3260, 0.3117
Android (android.graphics.Color)	4289368734 (0xFFAA929E)
YUV	154.5440, 1.7038, 13.5549
Hunter-Lab	56.1893, 6.5680, 0.6097

Details

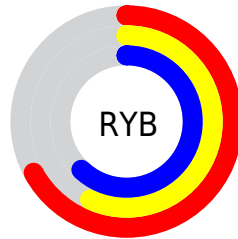
The Yxy color **31.5724, 0.3260, 0.3117** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3154, 0.3012, 0.3470**, and the grayscale version is **32.5543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1202, 0.3227, 0.3147**, and **13.0975, 0.3306, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **26.4342, 0.3377, 0.2987**, and if you desaturate by 10%, it is **37.5127, 0.3162, 0.3241**.

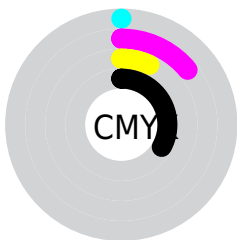
Distribution



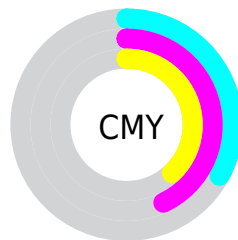
- Red (67%)
- Green (57%)
- Blue (62%)



- Red (67%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5724, 0.3260, 0.3117 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 31.5724, 0.3260, 0.3117 by changing the saturation by 10% instead.

 31.5724, 0.3260,
0.3117


 31.5724, 0.3260,
0.3117

309.1668, 0.3190,
0.3208

 21.0351, 0.3279,
0.3093


 62.1401, 0.3234,
0.3151

 13.1497, 0.3304,
0.3060


 82.9394, 0.3224,
0.3164

 7.5317, 0.3339,
0.3015


107.9281, 0.3216,
0.3174

 3.7968, 0.3392,
0.2949

137.4906, 0.3209,
0.3183

 1.5605, 0.3479,
0.2839

172.0113, 0.3203,
0.3191

 0.3308, 0.3933,
0.2229

211.8746, 0.3198,

 0.0000, 0.0000,

0.3197

0.0000

257.4650, 0.3194,
0.3203

■ 31.5724, 0.3260,
0.3117

■ 31.5724, 0.3260,
0.3117

■ 26.4342, 0.3377,
0.2987

■ 37.5127, 0.3162,
0.3241

■ 22.0591, 0.3517,
0.2855

■ 44.2834, 0.3081,
0.3358

■ 18.4115, 0.3682,
0.2726

■ 51.9165, 0.3014,
0.3467

■ 15.4509, 0.3872,
0.2609

■ 60.4413, 0.2958,
0.3567

■ 13.1330, 0.4086,
0.2512

■ 69.8855, 0.2912,
0.3659

■ 11.4081, 0.4320,
0.2449

■ 80.2756, 0.2874,
0.3743

■ 10.2194, 0.4563,
0.2430

■ 85.0955, 0.2835,
0.3716

■ 9.4984, 0.4804,
0.2463

■ 85.5504, 0.2792,
0.3616

■ 9.1975, 0.4946,
0.2498

■ 86.0284, 0.2750,
0.3518

Harmonies

Analogous

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



31.5724, 0.3076, 0.3017



31.5724, 0.3260, 0.3117



31.5724, 0.3411, 0.3261

Triad

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



31.5724, 0.3260, 0.3117



31.5724, 0.3343, 0.3609



31.5724, 0.2782, 0.3147

Complementary

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



31.5724, 0.3260, 0.3117



37.3154, 0.3012, 0.3470

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.



31.5724, 0.2849, 0.3310



31.5724, 0.3260, 0.3117



31.5724, 0.3170, 0.3584

Square

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



31.5724, 0.3260, 0.3117



31.5724, 0.3459, 0.3545



31.5724, 0.2990, 0.3473



31.5724, 0.2804, 0.3029

Rectangle

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



31.5724, 0.3260, 0.3117



31.5724, 0.3471, 0.3366



31.5724, 0.2990, 0.3473



31.5724, 0.2795, 0.3198

Sweetspot

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



31.5738, 0.3260, 0.3117



68.1137, 0.3162, 0.3241



30.6923, 0.3019, 0.2937



15.0006, 0.3169, 0.3233



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.



31.5738, 0.3260, 0.3117



54.1549, 0.3296, 0.3076



31.1938, 0.3377, 0.3285



7.6025, 0.3211, 0.3178



6.7806, 0.4922, 0.2485



0.1753, 0.4217, 0.2097

Inverse Universe

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



31.5738, 0.3260, 0.3117



54.1549, 0.3296, 0.3076



37.7329, 0.2920, 0.3295



7.6025, 0.3211, 0.3178



6.7806, 0.4922, 0.2485



0.1753, 0.4217, 0.2097

Previews

White Background



This preview shows how the Yxy color 31.5724, 0.3260, 0.3117 looks on a white background.

Color Contrast Check

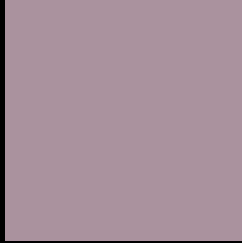
Large Text (above 18pt) WCAG AA × Fail

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 31.5724, 0.3260, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

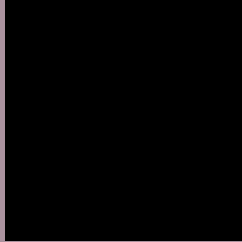
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5724, 0.3260, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 31.5724, 0.3260, 0.3117.



This preview shows how white text looks on a background with the Yxy color 31.5724, 0.3260, 0.3117.

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

31.5724, 0.3260, 0.3117

Protanopia

31.8020, 0.3054, 0.3154

Deuteranopia

31.6478, 0.3206, 0.3143



Tritanopia

31.5724, 0.3260, 0.3117

Trichromacy



Original Color

31.5724, 0.3260, 0.3117

Protanomaly

31.7217, 0.3124, 0.3141

Deuteranomaly

31.5515, 0.3228, 0.3130

Tritanomaly

31.5724, 0.3260, 0.3117

Monochromacy



Original Color

31.5724, 0.3260, 0.3117

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3304, 0.3170, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5724, 0.3260, 0.3117 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(170, 146, 158)` looks like.

```
.text, #text, p{  
    color:rgb(170, 146, 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(170, 146, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 146, 158) }
```

Border

The CSS property to change the border of an element to Yxy 31.5724, 0.3260, 0.3117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

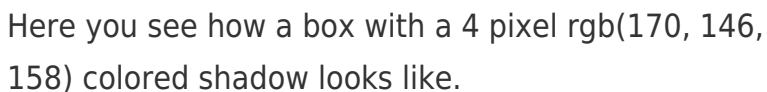
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 146, 158) }
```

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

```
.border{ border-color:rgb(170, 146, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 146, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 146, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 146, 158);  
box-shadow:4px 4px 4px 4px rgb(170, 146,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5724, 0.3260, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 146, 158) }
```

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

```
.background{ background-color: rgb(170,  
146, 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