

Converting Colors

$Y_{xy}(32.2149, 0.3244, 0.3127)$

Have a look what the booklet for
Yxy(32.2149, 0.3244, 0.3127)
contains.

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Color

Yxy(32.2291, 0.3248, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	AA949F
RGB	170, 148, 159
RGB Percent	67%, 58%, 62%
CMY	0.3334, 0.4196, 0.3765
CMYK	0.00, 0.13, 0.06, 0.33
HSL	330°, 11%, 62%
HSV	330°, 13%, 67%
XYZ	33.4228, 32.2291, 37.2507
YIQ	155.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

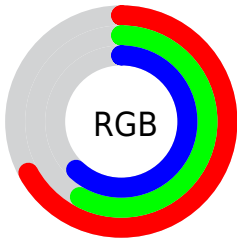
Format	Color
R_{YB}	170, 148, 159
Decimal	11179167
CIE _{Lab}	63.53, 10.11, -2.76
CIE _{LCh}	64, 10.476, 344.747
Yxy	32.2291, 0.3248, 0.3132
Android (android.graphics.Color)	4289369247 (0xFFAA949F)
YUV	155.8320, 1.5618, 12.4253
Hunter-Lab	56.7707, 5.7401, 0.8356

Details

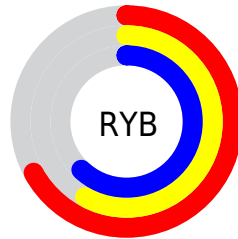
The Yxy color **32.2291, 0.3248, 0.3132** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5475, 0.3021, 0.3454**, and the grayscale version is **33.1566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1037, 0.3218, 0.3158**, and **13.4836, 0.3287, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **26.9976, 0.3363, 0.3003**, and if you desaturate by 10%, it is **38.2670, 0.3152, 0.3255**.

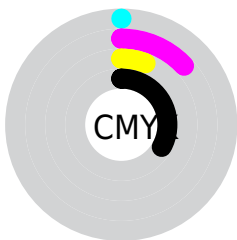
Distribution



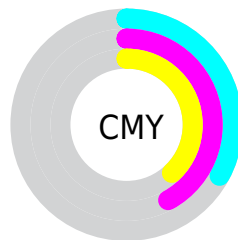
- Red (67%)
- Green (58%)
- Blue (62%)



- Red (67%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (33%)





- Cyan (33%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2291, 0.3248, 0.3132 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 32.2291, 0.3248, 0.3132 by changing the saturation by 10% instead.


 32.2291, 0.3248,
0.3132


 32.2291, 0.3248,
0.3132


312.1616, 0.3184,
0.3215

 21.5365, 0.3265,
0.3110


 63.1701, 0.3224,
0.3163

 13.5168, 0.3288,
0.3081


 84.1873, 0.3215,
0.3175

 7.7853, 0.3319,
0.3040


109.4148, 0.3208,
0.3184

 3.9579, 0.3366,
0.2980

139.2371, 0.3202,
0.3192

 1.6500, 0.3444,
0.2881

174.0386, 0.3197,
0.3199

 0.3910, 0.3799,
0.2402

214.2035, 0.3192,


 0.0000, 0.0000,


0.3205


0.0000


260.1164, 0.3188,
0.3210

 32.2291, 0.3248,
0.3132

 32.2291, 0.3248,
0.3132


 26.9976, 0.3363,
0.3003


 38.2670, 0.3152,
0.3255


 22.5338, 0.3501,
0.2871


 45.1394, 0.3073,
0.3371

 18.8022, 0.3663,
0.2742

 52.8783, 0.3007,
0.3478

 15.7629, 0.3850,
0.2623

 61.5125, 0.2952,
0.3577

 13.3720, 0.4063,
0.2523

 71.0697, 0.2907,
0.3668

■ 11.5806, 0.4295,
0.2456

■ 81.5765, 0.2870,
0.3751

■ 10.3326, 0.4538,
0.2432

■ 85.1582, 0.2829,
0.3703

■ 9.5614, 0.4781,
0.2459

■ 85.6172, 0.2787,
0.3603

■ 9.1985, 0.4950,
0.2501

■ 86.0994, 0.2745,
0.3505

Harmonies

Analogous

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



32.2291, 0.3080, 0.3040



32.2291, 0.3248, 0.3132



32.2291, 0.3386, 0.3264

Triad

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



32.2291, 0.3248, 0.3132



32.2291, 0.3324, 0.3580



32.2291, 0.2813, 0.3161

Complementary

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



32.2291, 0.3248, 0.3132



37.5475, 0.3021, 0.3454

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.



32.2291, 0.2874, 0.3309



32.2291, 0.3248, 0.3132



32.2291, 0.3167, 0.3557

Square

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



32.2291, 0.3248, 0.3132



32.2291, 0.3429, 0.3522



32.2291, 0.3003, 0.3456



32.2291, 0.2832, 0.3053

Rectangle

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



32.2291, 0.3248, 0.3132



32.2291, 0.3440, 0.3360



32.2291, 0.3003, 0.3456



32.2291, 0.2824, 0.3207

Sweetspot

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



32.2305, 0.3248, 0.3132



68.1132, 0.3162, 0.3242



31.4558, 0.3032, 0.2967



15.0005, 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.



32.2305, 0.3248, 0.3132



55.1360, 0.3284, 0.3089



31.8664, 0.3358, 0.3291



7.6024, 0.3211, 0.3178



6.7784, 0.4927, 0.2488



0.1753, 0.4220, 0.2098

Inverse Universe

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



32.2305, 0.3248, 0.3132



55.1360, 0.3284, 0.3089



37.9456, 0.2934, 0.3289



7.6024, 0.3211, 0.3178



6.7784, 0.4927, 0.2488



0.1753, 0.4220, 0.2098

Previews

White Background



This preview shows how the Yxy color 32.2291, 0.3248, 0.3132 looks on a white background.

Color Contrast Check

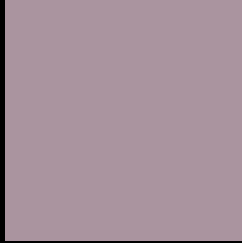
Large Text (above 18pt) WCAG AA × Fail

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 32.2291, 0.3248, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

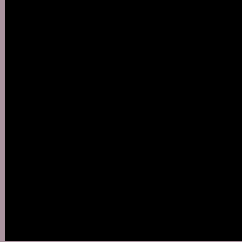
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2291, 0.3248, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 32.2291, 0.3248, 0.3132.



This preview shows how white text looks on a background with the Yxy color 32.2291, 0.3248, 0.3132.

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

32.2291, 0.3248, 0.3132

Protanopia

32.2611, 0.3055, 0.3155

Deuteranopia

32.2136, 0.3216, 0.3145



Tritanopia

32.2291, 0.3248, 0.3132

Trichromacy



Original Color

32.2291, 0.3248, 0.3132

Protanomaly

32.1800, 0.3124, 0.3142

Deuteranomaly

32.3229, 0.3226, 0.3145

Tritanomaly

32.2291, 0.3248, 0.3132

Monochromacy



Original Color

32.2291, 0.3248, 0.3132

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7939, 0.3170, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2291, 0.3248, 0.3132 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, 148, 159)` looks like.

```
.text, #text, p{  
    color:rgb(170, 148, 159)  
}
```

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, 148, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 148, 159) }
```

Border

The CSS property to change the border of an element to Yxy 32.2291, 0.3248, 0.3132 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, 148, 159) }
```

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

```
.border{ border-color:rgb(170, 148, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 148, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 148, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 148, 159);  
box-shadow:4px 4px 4px 4px rgb(170, 148,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2291, 0.3248, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 148, 159) }
```

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

```
.background{ background-color: rgb(170,  
148, 159) }
```

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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