

Converting Colors

Yxy(32.0682, 0.3111, 0.2948)

Have a look what the booklet for
Yxy(32.0682, 0.3111, 0.2948)
contains.

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Color

Yxy(32.1325, 0.3113, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	A893AB
RGB	168, 147, 171
RGB Percent	66%, 58%, 67%
CMY	0.3412, 0.4235, 0.3295
CMYK	0.02, 0.14, 0.00, 0.33
HSL	293°, 12%, 62%
HSV	293°, 14%, 67%
XYZ	33.9310, 32.1325, 42.9342
YIQ	156.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

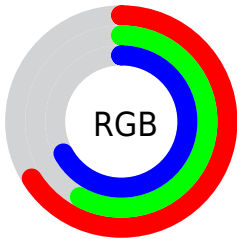
Format	Color
R _Y B	168, 147, 171
Decimal	11047851
CIE Lab	63.45, 12.23, -9.67
CIE LCh	63, 15.592, 321.656
Yxy	32.1325, 0.3113, 0.2948
Android (android.graphics.Color)	4289237931 (0xFFA893AB)
YUV	156.0150, 7.3876, 10.5108
Hunter-Lab	56.6855, 7.6473, -5.2269

Details

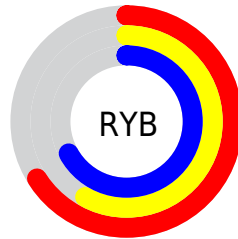
The Yxy color **32.1325, 0.3113, 0.2948** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7108, 0.3137, 0.3651**, and the grayscale version is **33.2178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9523, 0.3117, 0.3017**, and **13.4107, 0.3105, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **26.9732, 0.3099, 0.2695**, and if you desaturate by 10%, it is **38.0888, 0.3124, 0.3194**.

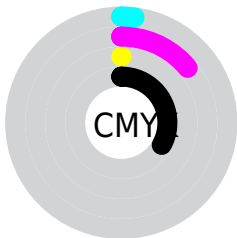
Distribution



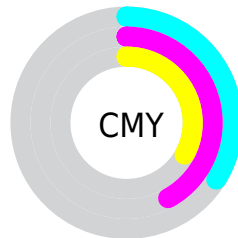
- Red (66%)
- Green (58%)
- Blue (67%)



- Red (66%)
- Yellow (58%)
- Blue (67%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1325, 0.3113, 0.2948 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 32.1325, 0.3113, 0.2948 by changing the saturation by 10% instead.


 32.1325, 0.3113,
0.2948


 32.1325, 0.3113,
0.2948


311.7224, 0.3122,
0.3125

 21.4627, 0.3110,
0.2902


 63.0187, 0.3117,
0.3014

 13.4627, 0.3105,
0.2841

 84.0040, 0.3118,
0.3038

 7.7479, 0.3098,
0.2757


109.1966, 0.3119,
0.3059

 3.9341, 0.3086,
0.2636

138.9808, 0.3120,
0.3076

 1.6367, 0.3063,
0.2445

173.7411, 0.3121,
0.3091

 0.3822, 0.3089,
0.1784

213.8619, 0.3121,

 0.0000, 0.0000,

0.3104

0.0000

259.7275, 0.3122,
0.3115

■ 32.1325, 0.3113,
0.2948

■ 32.1325, 0.3113,
0.2948

■ 26.9732, 0.3099,
0.2695

■ 38.0888, 0.3124,
0.3194

■ 22.5720, 0.3082,
0.2442

■ 44.8706, 0.3132,
0.3428

■ 18.8928, 0.3061,
0.2197

■ 52.5100, 0.3137,
0.3648

■ 15.8953, 0.3037,
0.1970

■ 61.0363, 0.3141,
0.3851

■ 13.5349, 0.3010,
0.1770

■ 70.4772, 0.3142,
0.4037

■ 11.7616, 0.2980,
0.1606

■ 80.8593, 0.3143,
0.4207

■ 10.5182, 0.2949,
0.1484

■ 84.5166, 0.3152,
0.4254

■ 9.7359, 0.2917,
0.1405

■ 84.7797, 0.3165,
0.4250

■ 9.3929, 0.2898,
0.1370

■ 85.0469, 0.3178,
0.4247

Harmonies

Analogous

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



32.1325, 0.2878, 0.2881



32.1325, 0.3113, 0.2948



32.1325, 0.3360, 0.3097

Triad

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



32.1325, 0.3113, 0.2948



32.1325, 0.3551, 0.3663



32.1325, 0.2722, 0.3261

Complementary

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



32.1325, 0.3113, 0.2948



37.7108, 0.3137, 0.3651

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.



32.1325, 0.2891, 0.3492



32.1325, 0.3113, 0.2948



32.1325, 0.3368, 0.3729

Square

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



32.1325, 0.3113, 0.2948



32.1325, 0.3618, 0.3502



32.1325, 0.3126, 0.3668



32.1325, 0.2660, 0.3049

Rectangle

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



32.1325, 0.3113, 0.2948



32.1325, 0.3496, 0.3227



32.1325, 0.3126, 0.3668



32.1325, 0.2768, 0.3339

Sweetspot

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



32.1339, 0.3113, 0.2948



68.1743, 0.3124, 0.3193



31.0214, 0.2908, 0.2976



15.0165, 0.3123, 0.3175



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.



32.1339, 0.3113, 0.2948



54.3778, 0.3109, 0.2866



32.1415, 0.3228, 0.3073



8.0967, 0.3118, 0.3065



7.0978, 0.2902, 0.1372



0.2113, 0.3001, 0.1427

Inverse Universe

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



31.7278, 0.3350, 0.3247



53.5102, 0.3412, 0.3237



37.7175, 0.3038, 0.3518



8.0310, 0.3267, 0.3262



6.5730, 0.6217, 0.3199



0.1878, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 32.1325, 0.3113, 0.2948 looks on a white background.

Color Contrast Check

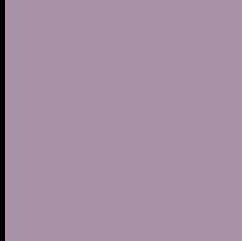
Large Text (above 18pt) WCAG AA × Fail

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 32.1325, 0.3113, 0.2948 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 32.1325, 0.3113, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 32.1325, 0.3113, 0.2948.



This preview shows how white text looks on a background with the Yxy color 32.1325, 0.3113, 0.2948.

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

32.1325, 0.3113, 0.2948

Protanopia

32.3616, 0.2904, 0.2963

Deuteranopia

32.2920, 0.3052, 0.2999



Tritanopia

32.1399, 0.3196, 0.3130

Trichromacy



Original Color

32.1325, 0.3113, 0.2948

Protanomaly

32.3573, 0.2977, 0.2954

Deuteranomaly

32.2897, 0.3081, 0.2987

Tritanomaly

32.0756, 0.3169, 0.3059

Monochromacy



Original Color

32.1325, 0.3113, 0.2948

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8293, 0.3123, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1325, 0.3113, 0.2948 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(168, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(168, 147, 171)  
}
```

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(168, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 147, 171) }
```

Border

The CSS property to change the border of an element to Yxy 32.1325, 0.3113, 0.2948 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(168, 147, 171) }
```

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

```
.border{ border-color:rgb(168, 147, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 147, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 147, 171);  
box-shadow:4px 4px 4px 4px rgb(168, 147,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1325, 0.3113, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 147, 171) }
```

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

```
.background{ background-color: rgb(168,  
147, 171) }
```

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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