

Converting Colors

$Y_{xy}(32.7721, 0.3235, 0.3005)$

Have a look what the booklet for
Yxy(32.7721, 0.3235, 0.3005)
contains.

Yxy(32.8876, 0.3232, 0.3010)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.8876, 0.3232, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	B093A7
RGB	176, 147, 167
RGB Percent	69%, 58%, 65%
CMY	0.3099, 0.4235, 0.3450
CMYK	0.00, 0.16, 0.05, 0.31
HSL	319°, 15%, 63%
HSV	319°, 16%, 69%
XYZ	35.3132, 32.8876, 41.0603
YIQ	157.9510, 10.8640, 12.3680

Conversions

Conversions Part 2

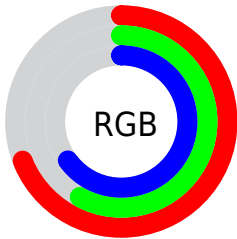
Format	Color
R _Y B	176, 147, 167
Decimal	11572135
CIE Lab	64.07, 14.32, -6.44
CIE LCh	64, 15.702, 335.775
Yxy	32.8876, 0.3232, 0.3010
Android (android.graphics.Color)	4289762215 (0xFFB093A7)
YUV	157.9510, 4.4612, 15.8290
Hunter-Lab	57.3477, 9.5571, -2.3076

Details

The Yxy color **32.8876, 0.3232, 0.3010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6483, 0.3036, 0.3587**, and the grayscale version is **34.1452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2030, 0.3215, 0.3065**, and **13.8145, 0.3263, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **27.6308, 0.3310, 0.2833**, and if you desaturate by 10%, it is **38.9931, 0.3165, 0.3183**.

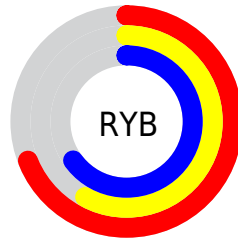
Distribution



Red (69%)

Green (58%)

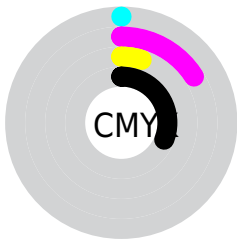
Blue (65%)



Red (69%)

Yellow (58%)

Blue (65%)

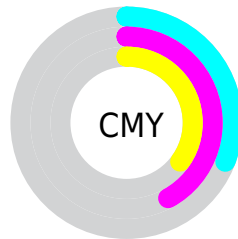


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (31%)



Cyan (31%)


Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8876, 0.3232, 0.3010 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 32.8876, 0.3232, 0.3010 by changing the saturation by 10% instead.

 32.8876, 0.3232,
0.3010


 32.8876, 0.3232,
0.3010


315.1430, 0.3178,
0.3155

 22.0404, 0.3246,
0.2972


 64.2000, 0.3212,
0.3064

 13.8866, 0.3264,
0.2922


 85.4340, 0.3205,
0.3084

 8.0418, 0.3289,
0.2854


110.8989, 0.3198,
0.3101

 4.1217, 0.3325,
0.2755

140.9793, 0.3193,
0.3115

 1.7419, 0.3382,
0.2598

176.0595, 0.3189,
0.3127

 0.4506, 0.3585,
0.2077

216.5239, 0.3185,

 0.0000, 0.0000,

0.3138

0.0000

262.7569, 0.3181,
0.3147

■ 32.8876, 0.3232,
0.3010

■ 32.8876, 0.3232,
0.3010

■ 27.6308, 0.3310,
0.2833

■ 38.9931, 0.3165,
0.3183

■ 23.1802, 0.3401,
0.2655

■ 45.9786, 0.3108,
0.3347

■ 19.4965, 0.3503,
0.2485

■ 53.8789, 0.3060,
0.3501

■ 16.5349, 0.3618,
0.2331

■ 62.7261, 0.3020,
0.3645

■ 14.2464, 0.3741,
0.2203

■ 72.5502, 0.2987,
0.3777

■ 12.5756, 0.3870,
0.2113

■ 83.3802, 0.2959,
0.3899

■ 11.4582, 0.4002,
0.2067

■ 85.1614, 0.2931,
0.3859

■ 10.8067, 0.4130,
0.2069

■ 85.4288, 0.2903,
0.3794

■ 10.6238, 0.4176,
0.2074

■ 85.7055, 0.2875,
0.3730

Harmonies

Analogous

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



32.8876, 0.2983, 0.2901



32.8876, 0.3232, 0.3010



32.8876, 0.3460, 0.3187

Triad

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



32.8876, 0.3232, 0.3010



32.8876, 0.3476, 0.3708



32.8876, 0.2679, 0.3155

Complementary

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



32.8876, 0.3232, 0.3010



39.6483, 0.3036, 0.3587

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.



32.8876, 0.2800, 0.3385



32.8876, 0.3232, 0.3010



32.8876, 0.3258, 0.3716

Square

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



32.8876, 0.3232, 0.3010



32.8876, 0.3603, 0.3586



32.8876, 0.3010, 0.3597



32.8876, 0.2672, 0.2974

Rectangle

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



32.8876, 0.3232, 0.3010



32.8876, 0.3565, 0.3325



32.8876, 0.3010, 0.3597



32.8876, 0.2707, 0.3229

Sweetspot

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



32.8890, 0.3232, 0.3010



72.3846, 0.3157, 0.3206



31.0414, 0.2946, 0.2865



15.5083, 0.3161, 0.3194



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



32.8890, 0.3232, 0.3010



55.7779, 0.3261, 0.2942



32.3913, 0.3374, 0.3208



8.6011, 0.3183, 0.3134



7.8070, 0.4163, 0.2067



0.2555, 0.3839, 0.1889

Inverse Universe

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



32.8890, 0.3232, 0.3010



55.7779, 0.3261, 0.2942



40.1588, 0.2926, 0.3374



8.6011, 0.3183, 0.3134



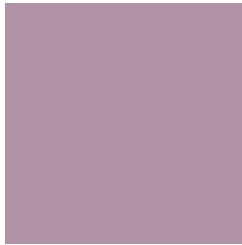
7.8070, 0.4163, 0.2067



0.2555, 0.3839, 0.1889

Previews

White Background



This preview shows how the Yxy color 32.8876, 0.3232, 0.3010 looks on a white background.

Color Contrast Check

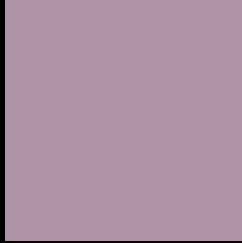
Large Text (above 18pt) WCAG AA × Fail

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 32.8876, 0.3232, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

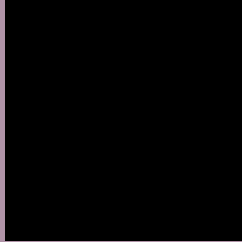
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8876, 0.3232, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 32.8876, 0.3232, 0.3010.



This preview shows how white text looks on a background with the Yxy color 32.8876, 0.3232, 0.3010.

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

32.8876, 0.3232, 0.3010

Protanopia

32.8621, 0.2957, 0.3024

Deuteranopia

32.9934, 0.3137, 0.3074



Tritanopia

32.8318, 0.3290, 0.3120

Trichromacy



Original Color

32.8876, 0.3232, 0.3010

Protanomaly

32.6126, 0.3051, 0.3014

Deuteranomaly

33.1119, 0.3178, 0.3062

Tritanomaly

32.9381, 0.3260, 0.3079

Monochromacy



Original Color

32.8876, 0.3232, 0.3010

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6837, 0.3172, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8876, 0.3232, 0.3010 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(176, 147, 167)` looks like.

```
.text, #text, p{  
    color:rgb(176, 147, 167)  
}
```

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(176, 147, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 147, 167) }
```

Border

The CSS property to change the border of an element to Yxy 32.8876, 0.3232, 0.3010 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(176, 147, 167) }
```

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

```
.border{ border-color:rgb(176, 147, 167) }
```

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

Here you see how a box with a 4 pixel rgb(176, 147, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 147, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 147, 167);  
box-shadow:4px 4px 4px 4px rgb(176, 147,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8876, 0.3232, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 147, 167) }
```

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

```
.background{ background-color: rgb(176,  
147, 167) }
```

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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