

Converting Colors

$Y_{xy}(32.8444, 0.3486, 0.3154)$

Have a look what the booklet for
Yxy(32.8444, 0.3486, 0.3154)
contains.

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Color

Yxy(32.8444, 0.3486, 0.3154)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BB909A |
| RGB | 187, 144, 154 |
| RGB Percent | 73%, 56%, 60% |
| CMY | 0.2666, 0.4353, 0.3962 |
| CMYK | 0.00, 0.23, 0.18, 0.27 |
| HSL | 346°, 24%, 65% |
| HSV | 346°, 23%, 73% |
| XYZ | 36.3017, 32.8444, 34.9896 |
| YIQ | 157.9970, 22.4180, 12.2260 |

Conversions

Conversions Part 2

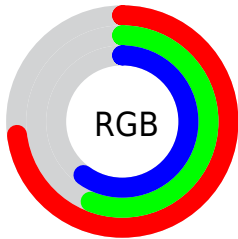
| Format | Color |
|-------------------------------------|--|
| RYB | 187, 144, 154 |
| Decimal | 12292250 |
| CIELab | 64.03, 17.79, 1.00 |
| CIElCh | 64, 17.822, 3.219 |
| Yxy | 32.8444, 0.3486, 0.3154 |
| Android (android.graphics.Color) | 4290482330 (0xFFBB909A) |
| YUV | 157.9970, -1.9705, 25.4356 |
| Hunter-Lab | 57.3100, 12.7741, 3.9186 |

Details

The Yxy color **32.8444, 0.3486, 0.3154** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6541, 0.2860, 0.3431**, and the grayscale version is **34.1929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1753, 0.3419, 0.3185**, and **13.7945, 0.3605, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **27.1920, 0.3703, 0.3091**, and if you desaturate by 10%, it is **39.4955, 0.3309, 0.3215**.

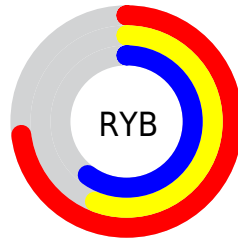
Distribution



Red (73%)

Green (56%)

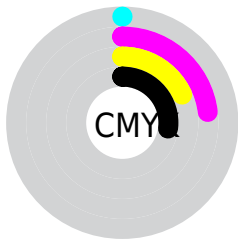
Blue (60%)



Red (73%)

Yellow (56%)

Blue (60%)

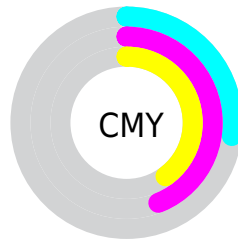


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8444, 0.3486, 0.3154 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 32.8444, 0.3486, 0.3154 by changing the saturation by 10% instead.

 32.8444, 0.3486,
0.3154


 32.8444, 0.3486,
0.3154


314.9480, 0.3296,
0.3227

 22.0073, 0.3537,
0.3134


 64.1325, 0.3414,
0.3182

 13.8622, 0.3606,
0.3108


 85.3523, 0.3388,
0.3192

 8.0249, 0.3702,
0.3070


110.8018, 0.3366,
0.3200

 4.1109, 0.3845,
0.3014

140.8653, 0.3348,
0.3207

 1.7358, 0.4083,
0.2919

175.9273, 0.3332,
0.3213

 0.4467, 0.4988,
0.2594


216.3721, 0.3318,


 0.0000, 0.0000,


0.3218


0.0000


262.5843, 0.3306,
0.3223


 32.8444, 0.3486,
0.3154

 32.8444, 0.3486,
0.3154


 27.1920, 0.3703,
0.3091


 39.4955, 0.3309,
0.3215

 22.4856, 0.3967,
0.3031


 47.1857, 0.3165,
0.3273


 18.6745, 0.4280,
0.2978

 55.9587, 0.3048,
0.3327

 15.7014, 0.4640,
0.2941

 65.8543, 0.2953,
0.3377

 13.5023, 0.5031,
0.2929

 76.9103, 0.2875,
0.3422

■ 12.0039, 0.5424,
0.2953

■ 88.3878, 0.2810,
0.3450

■ 11.1185, 0.5778,
0.3016

■ 89.2763, 0.2739,
0.3294

■ 10.7446, 0.5987,
0.3072

■ 89.3073, 0.2737,
0.3289

Harmonies

Analogous

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



32.8444, 0.3221, 0.2960



32.8444, 0.3486, 0.3154



32.8444, 0.3655, 0.3387

Triad

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



32.8444, 0.3486, 0.3154



32.8444, 0.3297, 0.3781



32.8444, 0.2608, 0.2944

Complementary

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



32.8444, 0.3486, 0.3154



44.6541, 0.2860, 0.3431

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.



32.8444, 0.2627, 0.3155



32.8444, 0.3486, 0.3154



32.8444, 0.3017, 0.3657

Square

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



32.8444, 0.3486, 0.3154



32.8444, 0.3540, 0.3757



32.8444, 0.2774, 0.3421



32.8444, 0.2720, 0.2837

Rectangle

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



32.8444, 0.3486, 0.3154



32.8444, 0.3685, 0.3538



32.8444, 0.2774, 0.3421



32.8444, 0.2599, 0.3005

Sweetspot

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



32.8459, 0.3486, 0.3154



78.6001, 0.3220, 0.3250



32.8798, 0.3054, 0.2709



17.1249, 0.3229, 0.3247



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



32.8459, 0.3486, 0.3154



53.0808, 0.3599, 0.3120



36.1807, 0.3558, 0.3449



9.5717, 0.3253, 0.3237



7.4109, 0.5958, 0.3056



0.3007, 0.5270, 0.2677

Inverse Universe

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



32.8459, 0.3486, 0.3154



53.0808, 0.3599, 0.3120



40.3914, 0.2779, 0.3126



9.5717, 0.3253, 0.3237



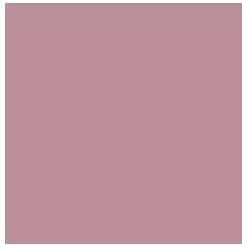
7.4109, 0.5958, 0.3056



0.3007, 0.5270, 0.2677

Previews

White Background



This preview shows how the Yxy color 32.8444, 0.3486, 0.3154 looks on a white background.

Color Contrast Check

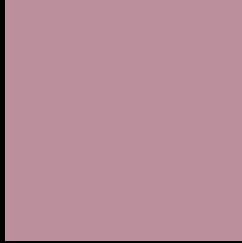
Large Text (above 18pt) WCAG AA × Fail

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 32.8444, 0.3486, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

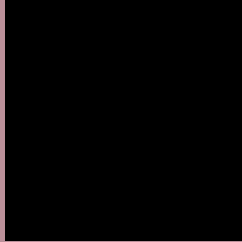
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8444, 0.3486, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 32.8444, 0.3486, 0.3154.



This preview shows how white text looks on a background with the Yxy color 32.8444, 0.3486, 0.3154.

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

32.8444, 0.3486, 0.3154

Protanopia

33.1489, 0.3101, 0.3215

Deuteranopia

32.7705, 0.3315, 0.3247



Tritanopia

32.8779, 0.3475, 0.3140

Trichromacy



Original Color

32.8444, 0.3486, 0.3154

Protanomaly

32.9267, 0.3233, 0.3189

Deuteranomaly

32.8268, 0.3381, 0.3220

Tritanomaly

32.8779, 0.3475, 0.3140

Monochromacy



Original Color

32.8444, 0.3486, 0.3154

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6518, 0.3251, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8444, 0.3486, 0.3154 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(187, 144, 154)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 154)  
}
```

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(187, 144, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 154) }
```

Border

The CSS property to change the border of an element to Yxy 32.8444, 0.3486, 0.3154 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(187, 144, 154) }
```

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

```
.border{ border-color:rgb(187, 144, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 144, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 144, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 144, 154);  
box-shadow:4px 4px 4px 4px rgb(187, 144,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8444, 0.3486, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 144, 154) }
```

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

```
.background{ background-color: rgb(187,  
144, 154) }
```

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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