

Converting Colors

$Y_{xy}(32.5620, 0.3602, 0.3277)$

Have a look what the booklet for
Yxy(32.5620, 0.3602, 0.3277)
contains.

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Color

Yxy(32.6822, 0.3593, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	BC9091
RGB	188, 144, 145
RGB Percent	74%, 56%, 57%
CMY	0.2627, 0.4353, 0.4315
CMYK	0.00, 0.23, 0.23, 0.26
HSL	359°, 25%, 65%
HSV	359°, 23%, 74%
XYZ	35.8228, 32.6822, 31.1966
YIQ	157.2700, 25.9030, 9.6390

Conversions

Conversions Part 2

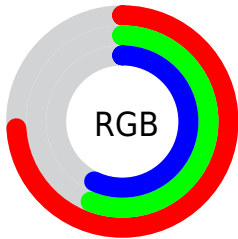
Format	Color
RYB	188, 144, 145
Decimal	12357777
CIELab	63.90, 16.76, 5.91
CIELCh	64, 17.773, 19.434
Yxy	32.6822, 0.3593, 0.3278
Android (android.graphics.Color)	4290547857 (0xFFBC9091)
YUV	157.2700, -6.0491, 26.9502
Hunter-Lab	57.1683, 11.8070, 7.6634

Details

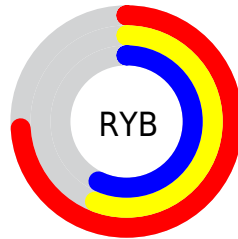
The Yxy color **32.6822, 0.3593, 0.3278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4893, 0.2792, 0.3303**, and the grayscale version is **33.8641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9242, 0.3498, 0.3280**, and **13.7233, 0.3749, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **26.9327, 0.3877, 0.3273**, and if you desaturate by 10%, it is **39.4749, 0.3364, 0.3283**.

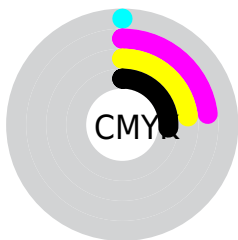
Distribution



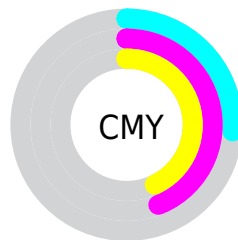
- Red (74%)
- Green (56%)
- Blue (57%)



- Red (74%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (26%)





- Cyan (26%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6822, 0.3593, 0.3278 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 32.6822, 0.3593, 0.3278 by changing the saturation by 10% instead.


 32.6822, 0.3593,
0.3278

 32.6822, 0.3593,
0.3278


314.2153, 0.3345,
0.3288

 21.8831, 0.3661,
0.3274


 63.8790, 0.3499,
0.3283

 13.7710, 0.3751,
0.3268


 85.0456, 0.3465,
0.3284

 7.9616, 0.3878,
0.3258


110.4367, 0.3436,
0.3285

 4.0704, 0.4069,
0.3239

140.4369, 0.3412,
0.3286

 1.7130, 0.4386,
0.3198

175.4304, 0.3392,
0.3287

 0.4321, 0.6264,
0.3301


215.8017, 0.3374,


 0.0000, 0.0000,

0.3287


0.0000


261.9352, 0.3358,
0.3288


 32.6822, 0.3593,
0.3278


 32.6822, 0.3593,
0.3278

 26.9327, 0.3877,
0.3273


 39.4749, 0.3364,
0.3283


 22.1706, 0.4224,
0.3268


 47.3541, 0.3181,
0.3288


 18.3416, 0.4635,
0.3265

 56.3660, 0.3034,
0.3293

 15.3846, 0.5094,
0.3264

 66.5531, 0.2916,
0.3297

 13.2310, 0.5562,
0.3267

 77.9555, 0.2820,
0.3301

■ 11.8021, 0.5975,
0.3274

■ 89.4324, 0.2742,
0.3289

■ 11.0033, 0.6261,
0.3285

■ 10.7015, 0.6378,
0.3287

Harmonies

Analogous

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



32.6822, 0.3371, 0.3058



32.6822, 0.3593, 0.3278



32.6822, 0.3684, 0.3511

Triad

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



32.6822, 0.3593, 0.3278



32.6822, 0.3145, 0.3731



32.6822, 0.2653, 0.2872

Complementary

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



32.6822, 0.3593, 0.3278



45.4893, 0.2792, 0.3303

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.



32.6822, 0.2600, 0.3031



32.6822, 0.3593, 0.3278



32.6822, 0.2877, 0.3538

Square

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



32.6822, 0.3593, 0.3278



32.6822, 0.3418, 0.3788



32.6822, 0.2680, 0.3275



32.6822, 0.2828, 0.2827

Rectangle

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



32.6822, 0.3593, 0.3278



32.6822, 0.3657, 0.3645



32.6822, 0.2680, 0.3275



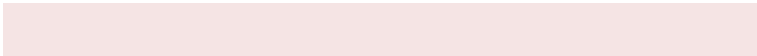
32.6822, 0.2621, 0.2913

Sweetspot

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



32.6837, 0.3593, 0.3278



80.2823, 0.3244, 0.3287



34.0861, 0.3140, 0.2714



17.0781, 0.3255, 0.3286



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.



32.6837, 0.3593, 0.3278



53.7326, 0.3729, 0.3275



39.4506, 0.3542, 0.3569



9.5397, 0.3285, 0.3285



7.2869, 0.6373, 0.3284



0.2866, 0.6265, 0.3225

Inverse Universe

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



32.6837, 0.3593, 0.3278



53.7326, 0.3729, 0.3275



37.3720, 0.2763, 0.2994



9.5397, 0.3285, 0.3285



7.2869, 0.6373, 0.3284



0.2866, 0.6265, 0.3225

Previews

White Background



This preview shows how the Yxy color 32.6822, 0.3593, 0.3278 looks on a white background.

Color Contrast Check

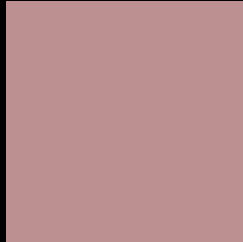
Large Text (above 18pt) WCAG AA × Fail

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 32.6822, 0.3593, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

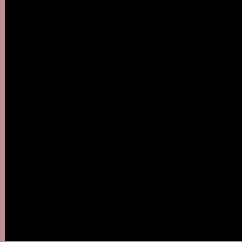
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6822, 0.3593, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 32.6822, 0.3593, 0.3278.



This preview shows how white text looks on a background with the Yxy color 32.6822, 0.3593, 0.3278.

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

32.6822, 0.3593, 0.3278

Protanopia

32.7165, 0.3205, 0.3335

Deuteranopia

32.8250, 0.3436, 0.3378



Tritanopia

32.7968, 0.3509, 0.3141

Trichromacy



Original Color

32.6822, 0.3593, 0.3278

Protanomaly

32.5287, 0.3344, 0.3305

Deuteranomaly

32.7771, 0.3495, 0.3348

Tritanomaly

32.6981, 0.3542, 0.3182

Monochromacy



Original Color

32.6822, 0.3593, 0.3278

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.0812, 0.3280, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6822, 0.3593, 0.3278 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(188, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 144, 145)  
}
```

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(188, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 144, 145) }
```

Border

The CSS property to change the border of an element to Yxy 32.6822, 0.3593, 0.3278 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(188, 144, 145) }
```

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

```
.border{ border-color:rgb(188, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(188, 144,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6822, 0.3593, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 144, 145) }
```

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

```
.background{ background-color: rgb(188,  
144, 145) }
```

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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