

Converting Colors

$Y_{xy}(33.5292, 0.3568, 0.3223)$

Have a look what the booklet for
Yxy(33.5292, 0.3568, 0.3223)
contains.

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Color

Yxy(33.5292, 0.3568, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	BF9196
RGB	191, 145, 150
RGB Percent	75%, 57%, 59%
CMY	0.2510, 0.4314, 0.4116
CMYK	0.00, 0.24, 0.21, 0.25
HSL	353°, 26%, 66%
HSV	353°, 24%, 75%
XYZ	37.1183, 33.5292, 33.3836
YIQ	159.3240, 25.8110, 11.3070

Conversions

Conversions Part 2

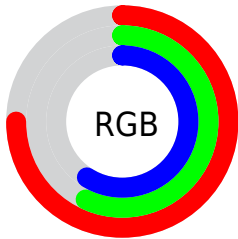
Format	Color
RYB	191, 145, 150
Decimal	12554646
CIELab	64.59, 18.11, 4.08
CIELCh	65, 18.567, 12.700
Yxy	33.5292, 0.3568, 0.3223
Android (android.graphics.Color)	4290744726 (0xFFBF9196)
YUV	159.3240, -4.5967, 27.7799
Hunter-Lab	57.9044, 13.0906, 6.3507

Details

The Yxy color **33.5292, 0.3568, 0.3223** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8251, 0.2810, 0.3359**, and the grayscale version is **34.8412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1629, 0.3481, 0.3239**, and **14.2246, 0.3726, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **27.6670, 0.3829, 0.3194**, and if you desaturate by 10%, it is **40.4553, 0.3357, 0.3252**.

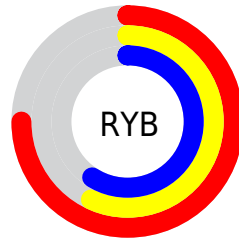
Distribution



Red (75%)

Green (57%)

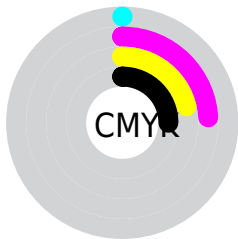
Blue (59%)



Red (75%)

Yellow (57%)

Blue (59%)

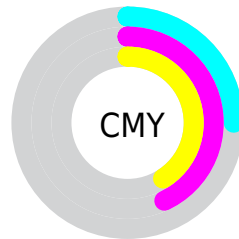


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5292, 0.3568, 0.3223 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 33.5292, 0.3568, 0.3223 by changing the saturation by 10% instead.


 33.5292, 0.3568,
0.3223


 33.5292, 0.3568,
0.3223


318.0276, 0.3334,
0.3261

 22.5322, 0.3631,
0.3212


 65.2009, 0.3480,
0.3238

 14.2484, 0.3715,
0.3197


 86.6443, 0.3447,
0.3243

 8.2937, 0.3833,
0.3174


112.3386, 0.3421,
0.3248

 4.2834, 0.4009,
0.3138

142.6682, 0.3398,
0.3251

 1.8333, 0.4298,
0.3074

178.0175, 0.3379,
0.3254

 0.5078, 0.5447,
0.2982

218.7709, 0.3362,

 0.0000, 0.0000,

0.3257

0.0000

265.3129, 0.3347,
0.3259

■ 33.5292, 0.3568,
0.3223

■ 33.5292, 0.3568,
0.3223

■ 27.6670, 0.3829,
0.3194

■ 40.4553, 0.3357,
0.3252

■ 22.8117, 0.4147,
0.3166

■ 48.4895, 0.3187,
0.3279

■ 18.9078, 0.4524,
0.3144

■ 57.6792, 0.3050,
0.3305

■ 15.8928, 0.4950,
0.3133

■ 68.0674, 0.2939,
0.3328

■ 13.6966, 0.5396,
0.3137

■ 79.6953, 0.2849,
0.3349

■ 12.2385, 0.5812,
0.3162

■ 89.6307, 0.2772,
0.3320

■ 11.4214, 0.6135,
0.3206

■ 89.8163, 0.2757,
0.3289

■ 11.1301, 0.6273,
0.3230

Harmonies

Analogous

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



33.5292, 0.3317, 0.3005



33.5292, 0.3568, 0.3223



33.5292, 0.3697, 0.3465

Triad

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



33.5292, 0.3568, 0.3223



33.5292, 0.3211, 0.3775



33.5292, 0.2613, 0.2884

Complementary

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



33.5292, 0.3568, 0.3223



46.8251, 0.2810, 0.3359

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.



33.5292, 0.2589, 0.3072



33.5292, 0.3568, 0.3223



33.5292, 0.2926, 0.3602

Square

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



33.5292, 0.3568, 0.3223



33.5292, 0.3483, 0.3797



33.5292, 0.2701, 0.3337



33.5292, 0.2767, 0.2811

Rectangle

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



33.5292, 0.3568, 0.3223



33.5292, 0.3694, 0.3614



33.5292, 0.2701, 0.3337



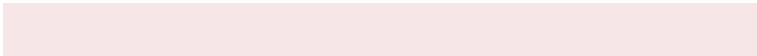
33.5292, 0.2590, 0.2935

Sweetspot

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



33.5307, 0.3568, 0.3223



82.2734, 0.3234, 0.3271



34.4061, 0.3102, 0.2689



17.8693, 0.3244, 0.3270



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.5307, 0.3568, 0.3223



54.1775, 0.3702, 0.3207



39.1854, 0.3568, 0.3528



9.5529, 0.3272, 0.3265



7.3207, 0.6252, 0.3218



0.2925, 0.5793, 0.2965

Inverse Universe

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



33.5307, 0.3568, 0.3223



54.1775, 0.3702, 0.3207



39.8096, 0.2756, 0.3039



9.5529, 0.3272, 0.3265



7.3207, 0.6252, 0.3218



0.2925, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 33.5292, 0.3568, 0.3223 looks on a white background.

Color Contrast Check

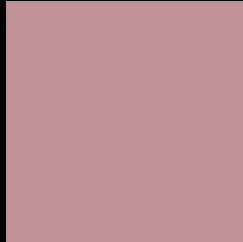
Large Text (above 18pt) WCAG AA × Fail

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 33.5292, 0.3568, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

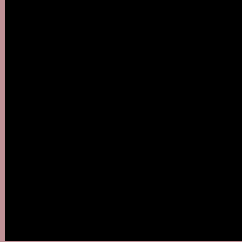
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5292, 0.3568, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 33.5292, 0.3568, 0.3223.



This preview shows how white text looks on a background with the Yxy color 33.5292, 0.3568, 0.3223.

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

33.5292, 0.3568, 0.3223

Protanopia

33.6508, 0.3167, 0.3290

Deuteranopia

33.7404, 0.3392, 0.3334



Tritanopia

33.5195, 0.3528, 0.3143

Trichromacy



Original Color

33.5292, 0.3568, 0.3223

Protanomaly

33.4475, 0.3301, 0.3262

Deuteranomaly

33.4886, 0.3462, 0.3291

Tritanomaly

33.4529, 0.3550, 0.3170

Monochromacy



Original Color

33.5292, 0.3568, 0.3223

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.1694, 0.3279, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5292, 0.3568, 0.3223 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(191, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(191, 145, 150)  
}
```

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(191, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 145, 150) }
```

Border

The CSS property to change the border of an element to Yxy 33.5292, 0.3568, 0.3223 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(191, 145, 150) }
```

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

```
.border{ border-color:rgb(191, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(191, 145,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5292, 0.3568, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 145, 150) }
```

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

```
.background{ background-color: rgb(191,  
145, 150) }
```

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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