

Converting Colors

$Y_{xy}(30.8099, 0.3741, 0.3251)$

Have a look what the booklet for
Yxy(30.8099, 0.3741, 0.3251)
contains.

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Color

Yxy(30.8099, 0.3741, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	C1888B
RGB	193, 136, 139
RGB Percent	76%, 53%, 55%
CMY	0.2432, 0.4666, 0.4549
CMYK	0.00, 0.30, 0.28, 0.24
HSL	357°, 31%, 65%
HSV	357°, 30%, 76%
XYZ	35.4537, 30.8099, 28.5070
YIQ	153.3850, 33.0090, 13.0170

Conversions

Conversions Part 2

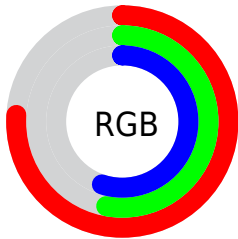
Format	Color
R_{YB}	193, 136, 139
Decimal	12683403
CIE _{Lab}	62.35, 22.22, 7.13
CIE _{LCh}	62, 23.339, 17.800
Yxy	30.8099, 0.3741, 0.3251
Android (android.graphics.Color)	4290873483 (0xFFC1888B)
YUV	153.3850, -7.0918, 34.7424
Hunter-Lab	55.5067, 16.8763, 8.4047

Details

The Yxy color **30.8099, 0.3741, 0.3251** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0845, 0.2724, 0.3331**, and the grayscale version is **32.0533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1419, 0.3622, 0.3270**, and **12.7801, 0.3954, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **25.3650, 0.4053, 0.3238**, and if you desaturate by 10%, it is **37.3258, 0.3487, 0.3265**.

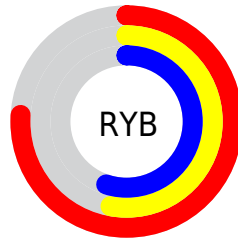
Distribution



Red (76%)

Green (53%)

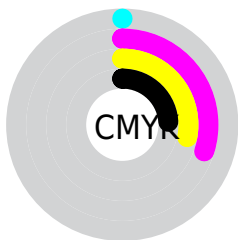
Blue (55%)



Red (76%)

Yellow (53%)

Blue (55%)

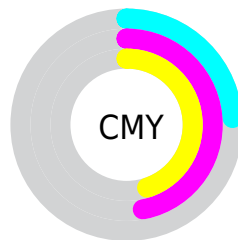


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8099, 0.3741, 0.3251 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 30.8099, 0.3741, 0.3251 by changing the saturation by 10% instead.

 30.8099, 0.3741,
0.3251


 30.8099, 0.3741,
0.3251


305.6616, 0.3410,
0.3278


 20.4541, 0.3832,
0.3242


 60.9407, 0.3615,
0.3263

 12.7256, 0.3955,
0.3227


 81.4844, 0.3569,
0.3266

 7.2399, 0.4128,
0.3205


 106.1930, 0.3531,
0.3269

 3.6126, 0.4390,
0.3164

135.4508, 0.3500,
0.3272

 1.4593, 0.4832,
0.3079

169.6421, 0.3472,
0.3274

 0.2598, 0.7524,
0.2476

209.1514, 0.3449,

 0.0000, 0.0000,

0.3275

0.0000

254.3631, 0.3428,
0.3276

■ 30.8099, 0.3741,
0.3251

■ 30.8099, 0.3741,
0.3251

■ 25.3650, 0.4053,
0.3238

■ 37.3258, 0.3487,
0.3265

■ 20.9297, 0.4428,
0.3227

■ 44.9610, 0.3284,
0.3278

■ 17.4432, 0.4860,
0.3220

■ 53.7662, 0.3120,
0.3291

■ 14.8364, 0.5323,
0.3221

■ 63.7878, 0.2989,
0.3302

■ 13.0307, 0.5767,
0.3231

■ 75.0696, 0.2883,
0.3313

■ 11.9336, 0.6121,
0.3251

■ 87.6531, 0.2797,
0.3322

■ 11.3794, 0.6341,
0.3271

■ 90.0751, 0.2768,
0.3289

■ 11.3573, 0.6348,
0.3271

Harmonies

Analogous

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



30.8099, 0.3433, 0.2968



30.8099, 0.3741, 0.3251



30.8099, 0.3874, 0.3557

Triad

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



30.8099, 0.3741, 0.3251



30.8099, 0.3166, 0.3900



30.8099, 0.2493, 0.2741

Complementary

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



30.8099, 0.3741, 0.3251



47.0845, 0.2724, 0.3331

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.



30.8099, 0.2433, 0.2953



30.8099, 0.3741, 0.3251



30.8099, 0.2808, 0.3644

Square

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



30.8099, 0.3741, 0.3251



30.8099, 0.3529, 0.3958



30.8099, 0.2544, 0.3283



30.8099, 0.2712, 0.2680

Rectangle

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



30.8099, 0.3741, 0.3251



30.8099, 0.3843, 0.3742



30.8099, 0.2544, 0.3283



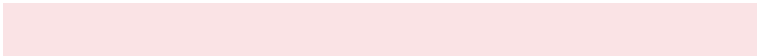
30.8099, 0.2454, 0.2795

Sweetspot

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



30.8114, 0.3741, 0.3251



81.1020, 0.3277, 0.3279



32.3038, 0.3123, 0.2556



16.9382, 0.3304, 0.3277



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.



30.8114, 0.3741, 0.3251



49.0910, 0.3922, 0.3243



38.4979, 0.3681, 0.3622



10.0863, 0.3281, 0.3278



7.5593, 0.6335, 0.3264



0.3296, 0.6104, 0.3136

Inverse Universe

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



30.8114, 0.3741, 0.3251



49.0910, 0.3922, 0.3243



37.1992, 0.2667, 0.2932



10.0863, 0.3281, 0.3278



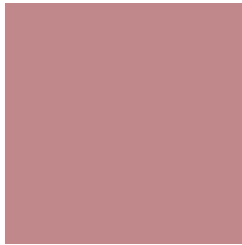
7.5593, 0.6335, 0.3264



0.3296, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 30.8099, 0.3741, 0.3251 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 30.8099, 0.3741, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

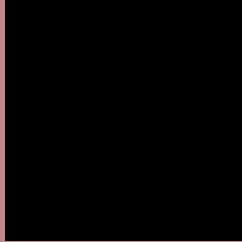
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8099, 0.3741, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 30.8099, 0.3741, 0.3251.



This preview shows how white text looks on a background with the Yxy color 30.8099, 0.3741, 0.3251.

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

30.8099, 0.3741, 0.3251

Protanopia

30.8878, 0.3207, 0.3336

Deuteranopia

31.0218, 0.3487, 0.3424



Tritanopia

30.8416, 0.3687, 0.3157

Trichromacy



Original Color

30.8099, 0.3741, 0.3251

Protanomaly

30.6994, 0.3394, 0.3306

Deuteranomaly

30.7647, 0.3576, 0.3349

Tritanomaly

30.7805, 0.3710, 0.3183

Monochromacy



Original Color

30.8099, 0.3741, 0.3251

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3304, 0.3338, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8099, 0.3741, 0.3251 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(193, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(193, 136, 139)  
}
```

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(193, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 136, 139) }
```

Border

The CSS property to change the border of an element to Yxy 30.8099, 0.3741, 0.3251 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(193, 136, 139) }
```

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

```
.border{ border-color:rgb(193, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 136, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 136, 139); box-shadow:4px 4px 4px 4px rgb(193, 136, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8099, 0.3741, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 136, 139) }
```

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

```
.background{ background-color: rgb(193,  
136, 139) }
```

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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