

Converting Colors

$Y_{xy}(28.2044, 0.3859, 0.3388)$

Have a look what the booklet for
Yxy(28.2044, 0.3859, 0.3388)
contains.

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Color

Yxy(28.1269, 0.3859, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	BA837C
RGB	186, 131, 124
RGB Percent	73%, 51%, 49%
CMY	0.2705, 0.4863, 0.5137
CMYK	0.00, 0.30, 0.33, 0.27
HSL	7°, 31%, 61%
HSV	7°, 33%, 73%
XYZ	32.0088, 28.1269, 22.8101
YIQ	146.6470, 35.0270, 9.4830

Conversions

Conversions Part 2

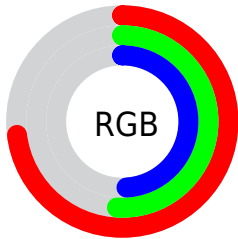
Format	Color
R _Y B	186, 132, 124
Decimal	12223356
CIE Lab	60.00, 20.27, 12.26
CIE LCh	60, 23.686, 31.166
Yxy	28.1269, 0.3859, 0.3391
Android (android.graphics.Color)	4290413436 (0xFFBA837C)
YUV	146.6470, -11.1650, 34.5126
Hunter-Lab	53.0348, 14.9215, 11.6239

Details

The Yxy color **28.1269, 0.3859, 0.3391** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0848, 0.2647, 0.3185**, and the grayscale version is **29.0613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5100, 0.3698, 0.3368**, and **11.2182, 0.4126, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **23.6154, 0.4187, 0.3421**, and if you desaturate by 10%, it is **33.4361, 0.3586, 0.3359**.

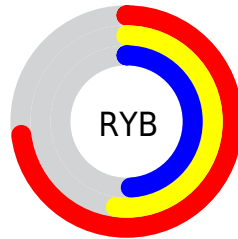
Distribution



Red (73%)

Green (51%)

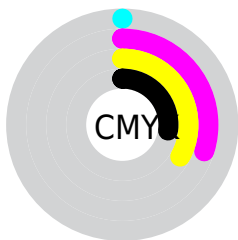
Blue (49%)



Red (73%)

Yellow (52%)

Blue (49%)

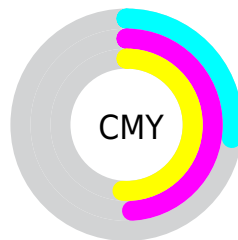


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1269, 0.3859, 0.3391 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 28.1269, 0.3859, 0.3391 by changing the saturation by 10% instead.


 28.1269, 0.3859,
0.3391


 28.1269, 0.3859,
0.3391


293.0728, 0.3459,
0.3346


 18.4213, 0.3972,
0.3399


 56.6870, 0.3704,
0.3377

 11.2529, 0.4124,
0.3407


 76.3103, 0.3649,
0.3371

 6.2372, 0.4343,
0.3412


 100.0083, 0.3604,
0.3365

 2.9899, 0.4678,
0.3406

128.1654, 0.3565,
0.3361

 1.1264, 0.5444,
0.3479

161.1660, 0.3533,
0.3356

 0.0004, 0.9993,
0.0007

199.3945, 0.3505,

 0.0000, 0.0000,

0.3353

0.0000

243.2353, 0.3480,
0.3349

■ 28.1269, 0.3859,
0.3391

■ 28.1269, 0.3859,
0.3391

■ 23.6154, 0.4187,
0.3421

■ 33.4361, 0.3586,
0.3359

■ 19.8592, 0.4571,
0.3447

■ 39.5749, 0.3363,
0.3328

■ 16.8181, 0.5000,
0.3463


■ 46.5780, 0.3180,
0.3299

■ 14.4465, 0.5444,
0.3463

■ 54.4772, 0.3031,
0.3272


■ 12.6935, 0.5851,
0.3442

■ 63.3027, 0.2910,
0.3248

 11.5009, 0.6162,
0.3400

 73.0832, 0.2809,
0.3226

 10.9778, 0.6307,
0.3374

 83.8461, 0.2726,
0.3206

 89.1824, 0.2731,
0.3289

Harmonies

Analogous

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



28.1269, 0.3607, 0.3078



28.1269, 0.3859, 0.3391



28.1269, 0.3898, 0.3700

Triad

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



28.1269, 0.3859, 0.3391



28.1269, 0.2993, 0.3833



28.1269, 0.2548, 0.2669

Complementary

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



28.1269, 0.3859, 0.3391



40.0848, 0.2647, 0.3185

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.



28.1269, 0.2409, 0.2819



28.1269, 0.3859, 0.3391



28.1269, 0.2654, 0.3497

Square

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



28.1269, 0.3859, 0.3391



28.1269, 0.3384, 0.3991



28.1269, 0.2446, 0.3117



28.1269, 0.2839, 0.2676

Rectangle

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



28.1269, 0.3859, 0.3391



28.1269, 0.3799, 0.3867



28.1269, 0.2446, 0.3117



28.1269, 0.2483, 0.2701

Sweetspot

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



28.1282, 0.3859, 0.3391



75.5691, 0.3301, 0.3319



28.1456, 0.3230, 0.2548



16.2594, 0.3328, 0.3323



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.



28.1282, 0.3859, 0.3391



44.8461, 0.4093, 0.3414



37.4628, 0.3723, 0.3803



9.1709, 0.3285, 0.3316



7.4409, 0.6293, 0.3385



0.3162, 0.5951, 0.3657

Inverse Universe

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



40.0848, 0.2647, 0.3185



69.8112, 0.2555, 0.3159



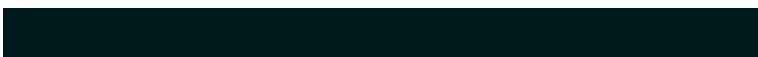
29.2661, 0.2587, 0.2715



10.0330, 0.2985, 0.3263



20.5655, 0.2149, 0.2936



0.7745, 0.2176, 0.3035

Previews

White Background



This preview shows how the Yxy color 28.1269, 0.3859, 0.3391 looks on a white background.

Color Contrast Check

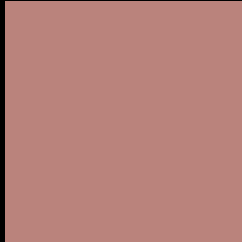
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1269, 0.3859, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

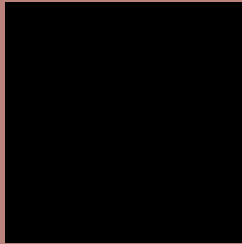
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1269, 0.3859, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 28.1269, 0.3859, 0.3391.



This preview shows how white text looks on a background with the Yxy color 28.1269, 0.3859, 0.3391.

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

28.1269, 0.3859, 0.3391

Protanopia

28.1645, 0.3334, 0.3499

Deuteranopia

28.0859, 0.3627, 0.3551



Tritanopia

28.1294, 0.3698, 0.3152

Trichromacy



Original Color

28.1269, 0.3859, 0.3391

Protanomaly

27.9163, 0.3525, 0.3461

Deuteranomaly

28.0371, 0.3708, 0.3485

Tritanomaly

28.2513, 0.3754, 0.3236

Monochromacy



Original Color

28.1269, 0.3859, 0.3391

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.4909, 0.3367, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1269, 0.3859, 0.3391 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(186, 131, 124)` looks like.

```
.text, #text, p{  
    color:rgb(186, 131, 124)  
}
```

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(186, 131, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 131, 124) }
```

Border

The CSS property to change the border of an element to Yxy 28.1269, 0.3859, 0.3391 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(186, 131, 124) }
```

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

```
.border{ border-color:rgb(186, 131, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 131, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 131, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 131, 124); box-shadow:4px 4px 4px 4px rgb(186, 131, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1269, 0.3859, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 131, 124) }
```

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

```
.background{ background-color: rgb(186,  
131, 124) }
```

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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