

Converting Colors

$Y_{xy}(40.2917, 0.3308, 0.3214)$

Have a look what the booklet for
Yxy(40.2917, 0.3308, 0.3214)
contains.

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Color

Yxy(40.2720, 0.3311, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	BDA4AA
RGB	189, 164, 170
RGB Percent	74%, 64%, 67%
CMY	0.2587, 0.3569, 0.3333
CMYK	0.00, 0.13, 0.10, 0.26
HSL	346°, 16%, 69%
HSV	346°, 13%, 74%
XYZ	41.5262, 40.2720, 43.6207
YIQ	172.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

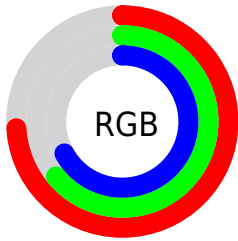
Format	Color
RYB	189, 164, 170
Decimal	12428458
CIELab	69.66, 10.16, 0.26
CIELCh	70, 10.167, 1.449
Yxy	40.2720, 0.3311, 0.3211
Android (android.graphics.Color)	4290618538 (0xFFBDA4AA)
YUV	172.1590, -1.0644, 14.7696
Hunter-Lab	63.4602, 5.7489, 3.6680

Details

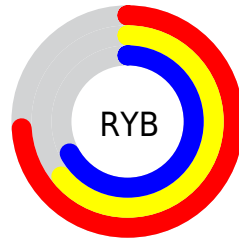
The Yxy color **40.2720, 0.3311, 0.3211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.7249, 0.2971, 0.3371**, and the grayscale version is **41.3434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5118, 0.3274, 0.3229**, and **18.1306, 0.3373, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **33.4894, 0.3487, 0.3147**, and if you desaturate by 10%, it is **48.1233, 0.3168, 0.3271**.

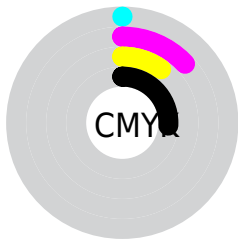
Distribution



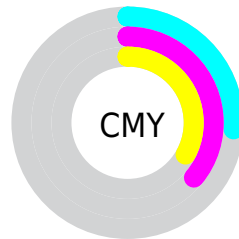
- Red (74%)
- Green (64%)
- Blue (67%)



- Red (74%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (26%)




- Cyan (26%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2720, 0.3311, 0.3211 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 40.2720, 0.3311, 0.3211 by changing the saturation by 10% instead.


 40.2720, 0.3311,
0.3211


 40.2720, 0.3311,
0.3211


347.2687, 0.3217,
0.3252

 27.7507, 0.3335,
0.3200


 75.5775, 0.3276,
0.3226

 18.1378, 0.3367,
0.3187


 99.1305, 0.3263,
0.3232

 11.0490, 0.3410,
0.3168


127.1295, 0.3252,
0.3236

 6.0998, 0.3472,
0.3141

159.9590, 0.3243,
0.3240

 2.9059, 0.3569,
0.3099

198.0032, 0.3235,
0.3244

 1.0828, 0.3741,
0.3024

241.6466, 0.3228,

 0.0000, 1.0000,

0.3247

0.0000

291.2737, 0.3222,
0.3249

0.0000, 0.0000,
0.0000

40.2720, 0.3311,
0.3211

40.2720, 0.3311,
0.3211

33.4894, 0.3487,
0.3147

48.1233, 0.3168,
0.3271

27.7239, 0.3703,
0.3082

57.0811, 0.3051,
0.3327

22.9279, 0.3965,
0.3019

67.1882, 0.2957,
0.3379

19.0476, 0.4276,
0.2965

78.4833, 0.2879,
0.3425

16.0242, 0.4633,
0.2926

88.7435, 0.2813,
0.3431

■ 13.7919, 0.5021,
0.2915

■ 89.5644, 0.2747,
0.3289

■ 12.2750, 0.5410,
0.2939

■ 11.3832, 0.5761,
0.3004

■ 11.0174, 0.5963,
0.3059

Harmonies

Analogous

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



40.2720, 0.3170, 0.3105



40.2720, 0.3311, 0.3211



40.2720, 0.3403, 0.3339

Triad

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



40.2720, 0.3311, 0.3211



40.2720, 0.3229, 0.3548



40.2720, 0.2844, 0.3113

Complementary

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



40.2720, 0.3311, 0.3211



47.7249, 0.2971, 0.3371

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.



40.2720, 0.2859, 0.3231



40.2720, 0.3311, 0.3211



40.2720, 0.3079, 0.3487

Square

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



40.2720, 0.3311, 0.3211



40.2720, 0.3354, 0.3537



40.2720, 0.2945, 0.3369



40.2720, 0.2902, 0.3047

Rectangle

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



40.2720, 0.3311, 0.3211



40.2720, 0.3423, 0.3422



40.2720, 0.2945, 0.3369



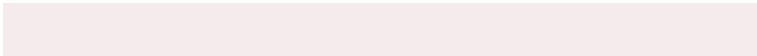
40.2720, 0.2841, 0.3148

Sweetspot

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



40.2738, 0.3311, 0.3211



84.9334, 0.3178, 0.3267



40.2629, 0.3085, 0.2962



18.0244, 0.3188, 0.3262



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.



40.2738, 0.3311, 0.3211



68.2510, 0.3360, 0.3192



42.3483, 0.3355, 0.3373



9.5730, 0.3252, 0.3235



7.4193, 0.5932, 0.3041



0.3013, 0.5238, 0.2659

Inverse Universe

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



40.2738, 0.3311, 0.3211



68.2510, 0.3360, 0.3192



45.3434, 0.2925, 0.3205



9.5730, 0.3252, 0.3235



7.4193, 0.5932, 0.3041



0.3013, 0.5238, 0.2659

Previews

White Background



This preview shows how the Yxy color 40.2720, 0.3311, 0.3211 looks on a white background.

Color Contrast Check

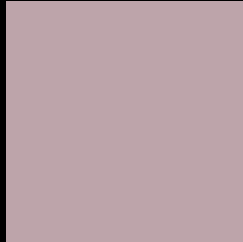
Large Text (above 18pt) WCAG AA × Fail

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 40.2720, 0.3311, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

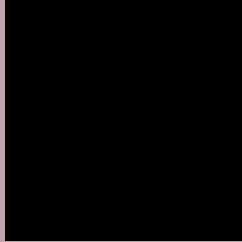
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2720, 0.3311, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 40.2720, 0.3311, 0.3211.



This preview shows how white text looks on a background with the Yxy color 40.2720, 0.3311, 0.3211.

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

40.2720, 0.3311, 0.3211

Protanopia

40.1637, 0.3121, 0.3235

Deuteranopia

40.3773, 0.3290, 0.3224



Tritanopia

40.2761, 0.3267, 0.3120

Trichromacy



Original Color

40.2720, 0.3311, 0.3211

Protanomaly

40.0810, 0.3186, 0.3222

Deuteranomaly

40.5039, 0.3300, 0.3224

Tritanomaly

40.1975, 0.3285, 0.3146

Monochromacy



Original Color

40.2720, 0.3311, 0.3211

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7812, 0.3192, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2720, 0.3311, 0.3211 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(189, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(189, 164, 170)  
}
```

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(189, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 164, 170) }
```

Border

The CSS property to change the border of an element to Yxy 40.2720, 0.3311, 0.3211 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(189, 164, 170) }
```

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

```
.border{ border-color:rgb(189, 164, 170) }
```

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

Here you see how a box with a 4 pixel rgb(189, 164, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 164,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2720, 0.3311, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 164, 170) }
```

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

```
.background{ background-color: rgb(189,  
164, 170) }
```

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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