

Converting Colors

$Yxy(41.9512, 0.3301, 0.3291)$

Have a look what the booklet for
Yxy(41.9512, 0.3301, 0.3291)
contains.

Yxy(41.9319, 0.3303, 0.3291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.9319, 0.3303, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	BCA9A9
RGB	188, 169, 169
RGB Percent	74%, 66%, 66%
CMY	0.2628, 0.3372, 0.3374
CMYK	0.00, 0.10, 0.10, 0.26
HSL	0°, 12%, 70%
HSV	0°, 10%, 74%
XYZ	42.0848, 41.9319, 43.3972
YIQ	174.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

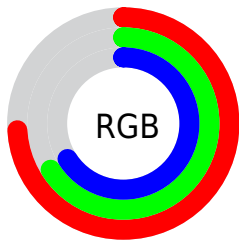
Format	Color
RYB	188, 169, 169
Decimal	12364201
CIELab	70.82, 6.85, 2.51
CIELCh	71, 7.299, 20.126
Yxy	41.9319, 0.3303, 0.3291
Android (android.graphics.Color)	4290554281 (0xFFBCA9A9)
YUV	174.6810, -2.8007, 11.6808
Hunter-Lab	64.7548, 2.6879, 5.5936

Details

The Yxy color **41.9319, 0.3303, 0.3291** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.0094, 0.2974, 0.3289**, and the grayscale version is **42.7064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9262, 0.3269, 0.3290**, and **19.1578, 0.3360, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **34.7903, 0.3520, 0.3292**, and if you desaturate by 10%, it is **50.1803, 0.3129, 0.3290**.

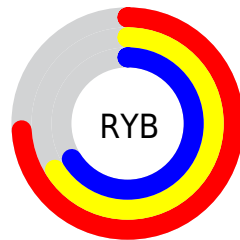
Distribution



Red (74%)

Green (66%)

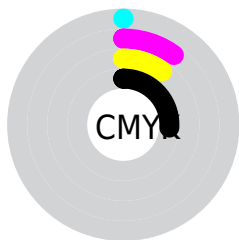
Blue (66%)



Red (74%)

Yellow (66%)

Blue (66%)

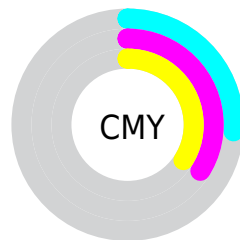


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9319, 0.3303, 0.3291 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 41.9319, 0.3303, 0.3291 by changing the saturation by 10% instead.


 41.9319, 0.3303,
0.3291


 41.9319, 0.3303,
0.3291

354.2006, 0.3213,
0.3291

 29.0480, 0.3326,
0.3291


 78.0965, 0.3270,
0.3291

 19.1171, 0.3356,
0.3290


 102.1461, 0.3258,
0.3291

 11.7549, 0.3397,
0.3290


130.6862, 0.3247,
0.3291

 6.5770, 0.3455,
0.3288

164.1014, 0.3238,
0.3291

 3.1990, 0.3545,
0.3286

202.7761, 0.3231,
0.3291

 1.2365, 0.3703,
0.3278

247.0945, 0.3224,

 0.0912, 0.7358,

0.3291

0.2642

297.4412, 0.3218,
0.3291

0.0000, 0.0000,
0.0000

41.9319, 0.3303,
0.3291

41.9319, 0.3303,
0.3291

34.7903, 0.3520,
0.3292

50.1803, 0.3129,
0.3290

28.7033, 0.3791,
0.3294

59.5740, 0.2990,
0.3289

23.6225, 0.4125,
0.3295

70.1563, 0.2877,
0.3288

19.4939, 0.4523,
0.3297

81.9669, 0.2786,
0.3288

16.2581, 0.4978,
0.3298

89.4305, 0.2742,
0.3289

■ 13.8492, 0.5454,
0.3300

■ 12.1924, 0.5891,
0.3301

■ 11.1991, 0.6214,
0.3301

■ 10.6988, 0.6399,
0.3301

Harmonies

Analogous

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



41.9319, 0.3223, 0.3202



41.9319, 0.3303, 0.3291



41.9319, 0.3336, 0.3381

Triad

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



41.9319, 0.3303, 0.3291



41.9319, 0.3134, 0.3450



41.9319, 0.2946, 0.3131

Complementary

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



41.9319, 0.3303, 0.3291



48.0094, 0.2974, 0.3289

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.



41.9319, 0.2923, 0.3194



41.9319, 0.3303, 0.3291



41.9319, 0.3031, 0.3380

Square

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



41.9319, 0.3303, 0.3291



41.9319, 0.3237, 0.3475



41.9319, 0.2954, 0.3285



41.9319, 0.3016, 0.3110

Rectangle

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



41.9319, 0.3303, 0.3291



41.9319, 0.3326, 0.3430



41.9319, 0.2954, 0.3285



41.9319, 0.2932, 0.3147

Sweetspot

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



41.9338, 0.3303, 0.3291



86.3591, 0.3176, 0.3290



42.6864, 0.3139, 0.3045



18.3058, 0.3190, 0.3290



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.



41.9338, 0.3303, 0.3291



73.1522, 0.3344, 0.3291



45.5871, 0.3289, 0.3415



9.5394, 0.3288, 0.3291



7.2862, 0.6399, 0.3301



0.2865, 0.6392, 0.3307

Inverse Universe

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



48.0094, 0.2974, 0.3289



86.2396, 0.2943, 0.3289



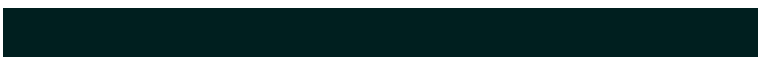
44.0955, 0.2972, 0.3162



10.8061, 0.2985, 0.3289



26.8506, 0.2245, 0.3281



1.0528, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 41.9319, 0.3303, 0.3291 looks on a white background.

Color Contrast Check

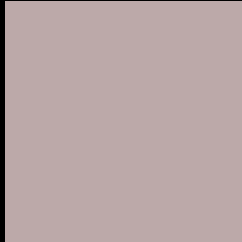
Large Text (above 18pt) WCAG AA × Fail

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 41.9319, 0.3303, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

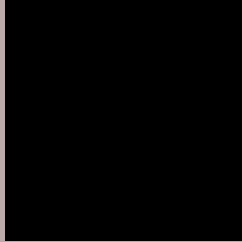
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9319, 0.3303, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 41.9319, 0.3303, 0.3291.



This preview shows how white text looks on a background with the Yxy color 41.9319, 0.3303, 0.3291.

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

41.9319, 0.3303, 0.3291

Protanopia

42.1745, 0.3180, 0.3317

Deuteranopia

42.0763, 0.3342, 0.3278



Tritanopia

41.8799, 0.3227, 0.3122

Trichromacy



Original Color

41.9319, 0.3303, 0.3291

Protanomaly

42.2311, 0.3225, 0.3317

Deuteranomaly

41.9462, 0.3333, 0.3278

Tritanomaly

41.9587, 0.3252, 0.3186

Monochromacy



Original Color

41.9319, 0.3303, 0.3291

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6076, 0.3190, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9319, 0.3303, 0.3291 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, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 169)  
}
```

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, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 169) }
```

Border

The CSS property to change the border of an element to Yxy 41.9319, 0.3303, 0.3291 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, 169, 169) }
```

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

```
.border{ border-color:rgb(188, 169, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9319, 0.3303, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 169) }
```

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

```
.background{ background-color: rgb(188,  
169, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor