

Converting Colors

$Yxy(41.7783, 0.3314, 0.3291)$

Have a look what the booklet for
Yxy(41.7783, 0.3314, 0.3291)
contains.

Yxy(41.6512, 0.3323, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.6512, 0.3323, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	BDA8A8
RGB	189, 168, 168
RGB Percent	74%, 66%, 66%
CMY	0.2588, 0.3412, 0.3413
CMYK	0.00, 0.11, 0.11, 0.26
HSL	0°, 14%, 70%
HSV	0°, 11%, 74%
XYZ	42.0562, 41.6512, 42.8535
YIQ	174.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

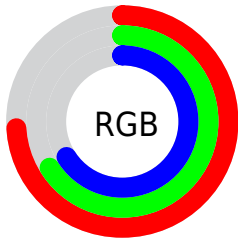
Format	Color
R _Y B	189, 168, 168
Decimal	12429480
CIE Lab	70.63, 7.60, 2.79
CIE LCh	71, 8.101, 20.175
Yxy	41.6512, 0.3323, 0.3291
Android (android.graphics.Color)	4290619560 (0xFFBDA8A8)
YUV	174.2790, -3.0955, 12.9103
Hunter-Lab	64.5377, 3.3790, 5.8074

Details

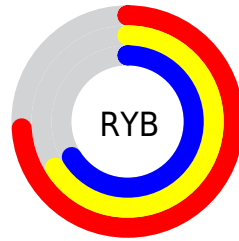
The Yxy color **41.6512, 0.3323, 0.3291** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.3810, 0.2959, 0.3289**, and the grayscale version is **42.4903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5155, 0.3284, 0.3290**, and **18.9860, 0.3389, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **34.5296, 0.3546, 0.3292**, and if you desaturate by 10%, it is **49.8900, 0.3145, 0.3290**.

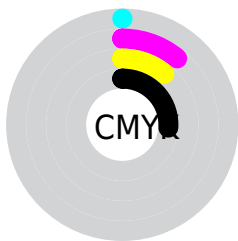
Distribution



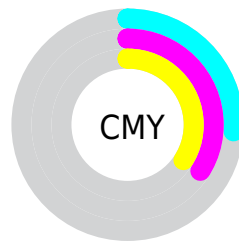
- Red (74%)
- Green (66%)
- Blue (66%)



- Red (74%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (26%)





- Cyan (26%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6512, 0.3323, 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 41.6512, 0.3323, 0.3291 by changing the saturation by 10% instead.


 41.6512, 0.3323,
0.3291


 41.6512, 0.3323,
0.3291


353.0350, 0.3223,
0.3291

 28.8283, 0.3349,
0.3291


 77.6715, 0.3286,
0.3291

 18.9509, 0.3382,
0.3290


 101.6376, 0.3272,
0.3291

 11.6348, 0.3428,
0.3289


130.0869, 0.3261,
0.3291

 6.4955, 0.3493,
0.3288

163.4038, 0.3251,
0.3291

 3.1487, 0.3594,
0.3284

201.9726, 0.3243,
0.3291

 1.2098, 0.3773,
0.3274

246.1778, 0.3235,

 0.0697, 0.7832,

0.3291

0.2168

296.4038, 0.3229,
0.3291

0.0000, 0.0000,
0.0000

41.6512, 0.3323,
0.3291

41.6512, 0.3323,
0.3291

34.5296, 0.3546,
0.3292

49.8900, 0.3145,
0.3290

28.4719, 0.3823,
0.3293

59.2853, 0.3002,
0.3289

23.4286, 0.4163,
0.3295

69.8813, 0.2887,
0.3289

19.3445, 0.4568,
0.3296

81.7183, 0.2794,
0.3288

16.1587, 0.5027,
0.3298

89.5601, 0.2747,
0.3289

■ 13.8035, 0.5503,
0.3299

■ 12.2019, 0.5931,
0.3300

■ 11.2620, 0.6239,
0.3300

■ 10.8268, 0.6400,
0.3301

Harmonies

Analogous

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



41.6512, 0.3233, 0.3193



41.6512, 0.3323, 0.3291



41.6512, 0.3359, 0.3391

Triad

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



41.6512, 0.3323, 0.3291



41.6512, 0.3135, 0.3469



41.6512, 0.2926, 0.3113

Complementary

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



41.6512, 0.3323, 0.3291



48.3810, 0.2959, 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.



41.6512, 0.2901, 0.3183



41.6512, 0.3323, 0.3291



41.6512, 0.3020, 0.3390

Square

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



41.6512, 0.3323, 0.3291



41.6512, 0.3249, 0.3496



41.6512, 0.2935, 0.3284



41.6512, 0.3004, 0.3091

Rectangle

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



41.6512, 0.3323, 0.3291



41.6512, 0.3348, 0.3446



41.6512, 0.2935, 0.3284



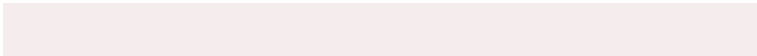
41.6512, 0.2911, 0.3131

Sweetspot

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



41.6530, 0.3323, 0.3291



86.3573, 0.3176, 0.3290



42.4890, 0.3140, 0.3020



18.3053, 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.



41.6530, 0.3323, 0.3291



71.7818, 0.3365, 0.3291



45.6824, 0.3307, 0.3428



9.5388, 0.3288, 0.3291



7.2848, 0.6399, 0.3301



0.2862, 0.6394, 0.3305

Inverse Universe

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



48.3810, 0.2959, 0.3289



85.8756, 0.2928, 0.3289



44.0324, 0.2957, 0.3149



10.8068, 0.2985, 0.3289



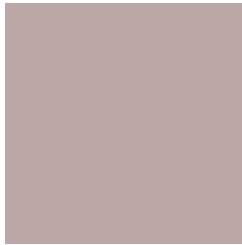
26.8724, 0.2245, 0.3283



1.0535, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 41.6512, 0.3323, 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 41.6512, 0.3323, 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 41.6512, 0.3323, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 41.6512, 0.3323, 0.3291.



This preview shows how white text looks on a background with the Yxy color 41.6512, 0.3323, 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

41.6512, 0.3323, 0.3291

Protanopia

41.6374, 0.3180, 0.3317

Deuteranopia

41.5410, 0.3343, 0.3278



Tritanopia

41.6035, 0.3246, 0.3122

Trichromacy



Original Color

41.6512, 0.3323, 0.3291

Protanomaly

41.8141, 0.3235, 0.3317

Deuteranomaly

41.4117, 0.3334, 0.3277

Tritanomaly

41.6797, 0.3271, 0.3186

Monochromacy



Original Color

41.6512, 0.3323, 0.3291

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0673, 0.3190, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6512, 0.3323, 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(189, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 168)  
}
```

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, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 168) }
```

Border

The CSS property to change the border of an element to Yxy 41.6512, 0.3323, 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(189, 168, 168) }
```

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

```
.border{ border-color:rgb(189, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6512, 0.3323, 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(189, 168, 168) }
```

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

```
.background{ background-color: rgb(189,  
168, 168) }
```

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