

Converting Colors

$Yxy(41.3839, 0.3314, 0.3232)$

Have a look what the booklet for
Yxy(41.3839, 0.3314, 0.3232)
contains.

Yxy(41.2891, 0.3318, 0.3225)	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(41.2891, 0.3318, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	BFA6AB
RGB	191, 166, 171
RGB Percent	75%, 65%, 67%
CMY	0.2508, 0.3491, 0.3294
CMYK	0.00, 0.13, 0.10, 0.25
HSL	348°, 16%, 70%
HSV	348°, 13%, 75%
XYZ	42.4798, 41.2891, 44.2594
YIQ	174.0450, 13.2950, 6.8550

Conversions

Conversions Part 2

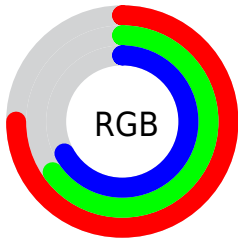
Format	Color
RYB	191, 166, 171
Decimal	12560043
CIELab	70.38, 9.96, 0.77
CIELCh	70, 9.994, 4.443
Yxy	41.2891, 0.3318, 0.3225
Android (android.graphics.Color)	4290750123 (0xFFBFA6AB)
YUV	174.0450, -1.5012, 14.8695
Hunter-Lab	64.2566, 5.5566, 4.1412

Details

The Yxy color **41.2891, 0.3318, 0.3225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9305, 0.2965, 0.3356**, and the grayscale version is **42.3573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1603, 0.3287, 0.3240**, and **18.6849, 0.3369, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **34.3046, 0.3503, 0.3172**, and if you desaturate by 10%, it is **49.3763, 0.3168, 0.3275**.

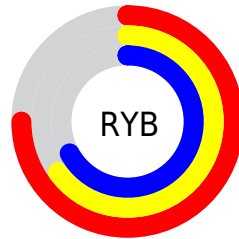
Distribution



Red (75%)

Green (65%)

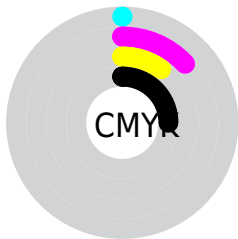
Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

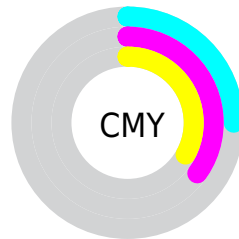


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2891, 0.3318, 0.3225 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 41.2891, 0.3318, 0.3225 by changing the saturation by 10% instead.

 41.2891, 0.3318,
0.3225


 41.2891, 0.3318,
0.3225


351.5275, 0.3221,
0.3259

 28.5451, 0.3343,
0.3216


 77.1226, 0.3282,
0.3237

 18.7369, 0.3376,
0.3205


 100.9808, 0.3269,
0.3242

 11.4803, 0.3420,
0.3190


129.3125, 0.3257,
0.3246

 6.3909, 0.3483,
0.3167


162.5021, 0.3248,
0.3249

 3.0842, 0.3582,
0.3132

200.9340, 0.3240,
0.3252

 1.1758, 0.3755,
0.3070

244.9926, 0.3232,

 0.0418, 0.8712,

0.3254

0.1288

295.0623, 0.3226,
0.3257

0.0000, 0.0000,
0.0000

41.2891, 0.3318,
0.3225

41.2891, 0.3318,
0.3225

34.3046, 0.3503,
0.3172

49.3763, 0.3168,
0.3275

28.3697, 0.3731,
0.3118

58.6053, 0.3046,
0.3322

23.4351, 0.4009,
0.3066

69.0203, 0.2947,
0.3364

19.4454, 0.4338,
0.3021

80.6613, 0.2867,
0.3403

16.3398, 0.4716,
0.2991

89.3421, 0.2795,
0.3370

■ 14.0503, 0.5124,
0.2985

■ 89.8213, 0.2757,
0.3289

■ 12.4991, 0.5529,
0.3012

■ 11.5929, 0.5881,
0.3073

■ 11.2226, 0.6079,
0.3123

Harmonies

Analogous

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



41.2891, 0.3184, 0.3118



41.2891, 0.3318, 0.3225



41.2891, 0.3401, 0.3351

Triad

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



41.2891, 0.3318, 0.3225



41.2891, 0.3213, 0.3539



41.2891, 0.2853, 0.3109

Complementary

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



41.2891, 0.3318, 0.3225



48.9305, 0.2965, 0.3356

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.



41.2891, 0.2861, 0.3219



41.2891, 0.3318, 0.3225



41.2891, 0.3066, 0.3472

Square

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



41.2891, 0.3318, 0.3225



41.2891, 0.3339, 0.3535



41.2891, 0.2938, 0.3353



41.2891, 0.2917, 0.3050

Rectangle

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



41.2891, 0.3318, 0.3225



41.2891, 0.3415, 0.3430



41.2891, 0.2938, 0.3353



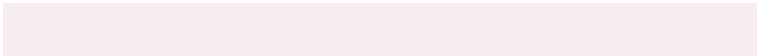
41.2891, 0.2848, 0.3141

Sweetspot

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



41.2909, 0.3318, 0.3225



86.9284, 0.3181, 0.3271



41.4230, 0.3093, 0.2966



18.8341, 0.3191, 0.3267



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.



41.2909, 0.3318, 0.3225



69.7814, 0.3372, 0.3209



43.7550, 0.3351, 0.3383



9.5668, 0.3258, 0.3244



7.3815, 0.6049, 0.3106



0.2986, 0.5393, 0.2745

Inverse Universe

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



41.2909, 0.3318, 0.3225



69.7814, 0.3372, 0.3209



46.1259, 0.2927, 0.3195



9.5668, 0.3258, 0.3244



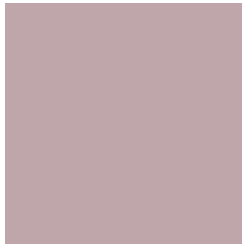
7.3815, 0.6049, 0.3106



0.2986, 0.5393, 0.2745

Previews

White Background



This preview shows how the Yxy color 41.2891, 0.3318, 0.3225 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 41.2891, 0.3318, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

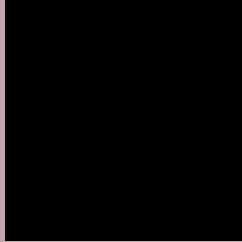
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2891, 0.3318, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 41.2891, 0.3318, 0.3225.



This preview shows how white text looks on a background with the Yxy color 41.2891, 0.3318, 0.3225.

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

41.2891, 0.3318, 0.3225

Protanopia

41.2958, 0.3138, 0.3249

Deuteranopia

41.3965, 0.3297, 0.3238



Tritanopia

41.3311, 0.3266, 0.3122

Trichromacy



Original Color

41.2891, 0.3318, 0.3225

Protanomaly

41.2168, 0.3203, 0.3237

Deuteranomaly

41.5249, 0.3307, 0.3238

Tritanomaly

41.2119, 0.3292, 0.3161

Monochromacy



Original Color

41.2891, 0.3318, 0.3225

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8462, 0.3192, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2891, 0.3318, 0.3225 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(191, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 171)  
}
```

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(191, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.2891, 0.3318, 0.3225 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(191, 166, 171) }
```

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

```
.border{ border-color:rgb(191, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 166,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2891, 0.3318, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 171) }
```

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

```
.background{ background-color: rgb(191,  
166, 171) }
```

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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