

Converting Colors

$Y_{xy}(42.0939, 0.3229, 0.3211)$

Have a look what the booklet for
Yxy(42.0939, 0.3229, 0.3211)
contains.

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Color

Yxy(41.9102, 0.3232, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	BAA9AF
RGB	186, 169, 175
RGB Percent	73%, 66%, 69%
CMY	0.2704, 0.3373, 0.3137
CMYK	0.00, 0.09, 0.06, 0.27
HSL	339°, 11%, 70%
HSV	339°, 9%, 73%
XYZ	42.1843, 41.9102, 46.4262
YIQ	174.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

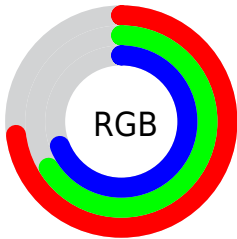
Format	Color
R _Y B	186, 169, 175
Decimal	12233135
CIE Lab	70.81, 7.22, -0.86
CIE LCh	71, 7.269, 353.188
Yxy	41.9102, 0.3232, 0.3211
Android (android.graphics.Color)	4290423215 (0xFFBAA9AF)
YUV	174.7670, 0.1149, 9.8513
Hunter-Lab	64.7381, 3.0216, 2.7975

Details

The Yxy color **41.9102, 0.3232, 0.3211** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.8680, 0.3033, 0.3370**, and the grayscale version is **42.7429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9017, 0.3215, 0.3229**, and **19.1392, 0.3260, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **35.0235, 0.3370, 0.3120**, and if you desaturate by 10%, it is **49.8278, 0.3119, 0.3297**.

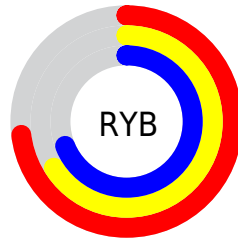
Distribution



Red (73%)

Green (66%)

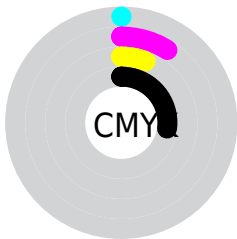
Blue (69%)



Red (73%)

Yellow (66%)

Blue (69%)

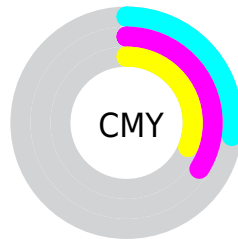


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9102, 0.3232, 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 41.9102, 0.3232, 0.3211 by changing the saturation by 10% instead.


 41.9102, 0.3232,
0.3211


 41.9102, 0.3232,
0.3211

354.1105, 0.3179,
0.3251

 29.0310, 0.3246,
0.3201


 78.0637, 0.3212,
0.3226

 19.1043, 0.3263,
0.3188


 102.1068, 0.3205,
0.3231

 11.7456, 0.3287,
0.3170

130.6399, 0.3199,
0.3236

 6.5707, 0.3321,
0.3144

164.0475, 0.3194,
0.3240

 3.1951, 0.3373,
0.3106

202.7140, 0.3189,
0.3243

 1.2344, 0.3464,
0.3039

247.0237, 0.3185,

 0.0896, 0.5137,

0.3246

0.1761

297.3611, 0.3182,
0.3249

■ 0.0000, 0.0000,
0.0000

■ 41.9102, 0.3232,
0.3211

■ 41.9102, 0.3232,
0.3211

■ 35.0235, 0.3370,
0.3120

■ 49.8278, 0.3119,
0.3297

■ 29.1195, 0.3539,
0.3025

■ 58.8106, 0.3026,
0.3377

■ 24.1548, 0.3742,
0.2931

■ 68.8985, 0.2950,
0.3450

■ 20.0802, 0.3983,
0.2843

■ 80.1273, 0.2887,
0.3517

■ 16.8422, 0.4263,
0.2770

■ 87.9755, 0.2830,
0.3505

■ 14.3814, 0.4577,
0.2722

■ 88.6962, 0.2770,
0.3372

■ 12.6305, 0.4910,
0.2713

■ 89.1850, 0.2731,
0.3289

■ 11.5105, 0.5239,
0.2752

■ 10.8794, 0.5543,
0.2834

Harmonies

Analogous

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



41.9102, 0.3128, 0.3142



41.9102, 0.3232, 0.3211



41.9102, 0.3308, 0.3300

Triad

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



41.9102, 0.3232, 0.3211



41.9102, 0.3227, 0.3474



41.9102, 0.2924, 0.3186

Complementary

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



41.9102, 0.3232, 0.3211



46.8680, 0.3033, 0.3370

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.



41.9102, 0.2949, 0.3276



41.9102, 0.3232, 0.3211



41.9102, 0.3123, 0.3444

Square

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



41.9102, 0.3232, 0.3211



41.9102, 0.3305, 0.3453



41.9102, 0.3022, 0.3371



41.9102, 0.2952, 0.3127

Rectangle

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



41.9102, 0.3232, 0.3211



41.9102, 0.3332, 0.3361



41.9102, 0.3022, 0.3371



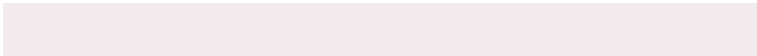
41.9102, 0.2927, 0.3214

Sweetspot

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



41.9120, 0.3232, 0.3211



84.4746, 0.3160, 0.3264



41.5972, 0.3082, 0.3065



18.3447, 0.3169, 0.3257



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.



41.9120, 0.3232, 0.3211



73.2662, 0.3258, 0.3193



42.5344, 0.3282, 0.3321



9.0632, 0.3234, 0.3210



7.2977, 0.5533, 0.2822



0.2693, 0.4808, 0.2422

Inverse Universe

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



41.9120, 0.3232, 0.3211



73.2662, 0.3258, 0.3193



46.1676, 0.2988, 0.3259



9.0632, 0.3234, 0.3210



7.2977, 0.5533, 0.2822



0.2693, 0.4808, 0.2422

Previews

White Background



This preview shows how the Yxy color 41.9102, 0.3232, 0.3211 looks on a white background.

Color Contrast Check

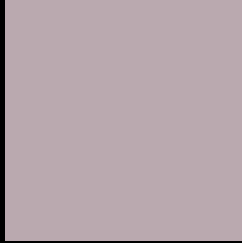
Large Text (above 18pt) WCAG AA × Fail

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 41.9102, 0.3232, 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 41.9102, 0.3232, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 41.9102, 0.3232, 0.3211.



This preview shows how white text looks on a background with the Yxy color 41.9102, 0.3232, 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

41.9102, 0.3232, 0.3211

Protanopia

41.7933, 0.3112, 0.3222

Deuteranopia

41.9192, 0.3261, 0.3199



Tritanopia

41.9063, 0.3190, 0.3121

Trichromacy



Original Color

41.9102, 0.3232, 0.3211

Protanomaly

41.8441, 0.3157, 0.3223

Deuteranomaly

41.7918, 0.3251, 0.3199

Tritanomaly

41.8247, 0.3207, 0.3146

Monochromacy



Original Color

41.9102, 0.3232, 0.3211

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5660, 0.3164, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9102, 0.3232, 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(186, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 175)  
}
```

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, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.9102, 0.3232, 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(186, 169, 175) }
```

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

```
.border{ border-color:rgb(186, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9102, 0.3232, 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(186, 169, 175) }
```

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

```
.background{ background-color: rgb(186,  
169, 175) }
```

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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