

Converting Colors

$Yxy(41.2981, 0.3250, 0.3237)$

Have a look what the booklet for
Yxy(41.2981, 0.3250, 0.3237)
contains.

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Color

Yxy(41.2981, 0.3250, 0.3237)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B9A8AC |
| RGB | 185, 168, 172 |
| RGB Percent | 73%, 66%, 67% |
| CMY | 0.2744, 0.3412, 0.3255 |
| CMYK | 0.00, 0.09, 0.07, 0.27 |
| HSL | 346°, 11%, 69% |
| HSV | 346°, 9%, 73% |
| XYZ | 41.4640, 41.2981, 44.8193 |
| YIQ | 173.5390, 8.8480, 4.8480 |

Conversions

Conversions Part 2

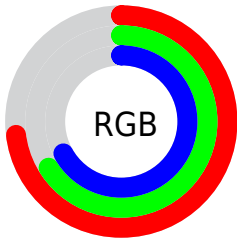
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 185, 168, 172 |
| Decimal | 12167340 |
| CIE Lab | 70.38, 6.86, 0.16 |
| CIE LCh | 70, 6.867, 1.358 |
| Yxy | 41.2981, 0.3250, 0.3237 |
| Android (android.graphics.Color) | 4290357420 (0xFFB9A8AC) |
| YUV | 173.5390, -0.7587, 10.0513 |
| Hunter-Lab | 64.2636, 2.7099, 3.6339 |

Details

The Yxy color $41.2981, 0.3250, 0.3237$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.3751, 0.3017, 0.3344$, and the grayscale version is $42.0826, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0222, 0.3228, 0.3249$, and $18.7524, 0.3286, 0.3217$ is the 20% darker color. If you saturate the color by 10%, you get $34.4324, 0.3413, 0.3176$, and if you desaturate by 10%, it is $49.1974, 0.3118, 0.3294$.

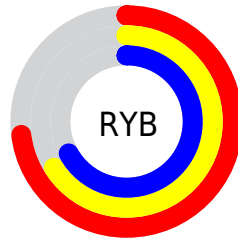
Distribution



Red (73%)

Green (66%)

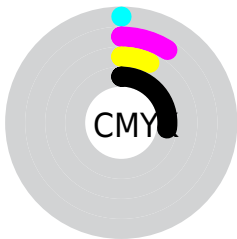
Blue (67%)



Red (73%)

Yellow (66%)

Blue (67%)

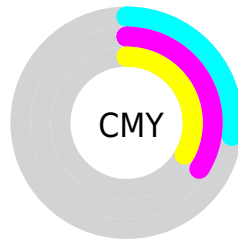


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2981, 0.3250, 0.3237 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 41.2981, 0.3250, 0.3237 by changing the saturation by 10% instead.


 41.2981, 0.3250,
0.3237

 41.2981, 0.3250,
0.3237


351.5650, 0.3187,
0.3264

 28.5521, 0.3266,
0.3230


 77.1362, 0.3227,
0.3247

 18.7422, 0.3287,
0.3221


 100.9971, 0.3218,
0.3251

 11.4842, 0.3315,
0.3209


129.3317, 0.3211,
0.3254

 6.3935, 0.3356,
0.3191

162.5245, 0.3205,
0.3257

 3.0858, 0.3419,
0.3163

200.9598, 0.3200,
0.3259

 1.1767, 0.3530,
0.3115

245.0221, 0.3195,

 0.0425, 0.7286,

0.3261

0.1490

295.0957, 0.3191,
0.3263

0.0000, 0.0000,
0.0000

41.2981, 0.3250,
0.3237

41.2981, 0.3250,
0.3237

34.4324, 0.3413,
0.3176

49.1974, 0.3118,
0.3294

28.5523, 0.3613,
0.3112

58.1651, 0.3010,
0.3347

23.6139, 0.3857,
0.3050

68.2409, 0.2923,
0.3396

19.5680, 0.4149,
0.2992

79.4610, 0.2851,
0.3440

16.3608, 0.4490,
0.2947

88.2935, 0.2787,
0.3422

■ 13.9327, 0.4870,
0.2924

■ 89.0591, 0.2726,
0.3289

■ 12.2163, 0.5265,
0.2933

■ 11.1324, 0.5638,
0.2981

■ 10.5380, 0.5951,
0.3059

Harmonies

Analogous

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



41.2981, 0.3156, 0.3165



41.2981, 0.3250, 0.3237



41.2981, 0.3311, 0.3324

Triad

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



41.2981, 0.3250, 0.3237



41.2981, 0.3197, 0.3462



41.2981, 0.2936, 0.3173

Complementary

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



41.2981, 0.3250, 0.3237



46.3751, 0.3017, 0.3344

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.



41.2981, 0.2947, 0.3252



41.2981, 0.3250, 0.3237



41.2981, 0.3096, 0.3421

Square

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



41.2981, 0.3250, 0.3237



41.2981, 0.3280, 0.3455



41.2981, 0.3005, 0.3343



41.2981, 0.2976, 0.3127

Rectangle

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



41.2981, 0.3250, 0.3237



41.2981, 0.3324, 0.3379



41.2981, 0.3005, 0.3343



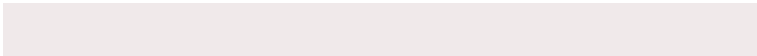
41.2981, 0.2934, 0.3196

Sweetspot

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



41.2999, 0.3250, 0.3237



82.4252, 0.3165, 0.3273



41.3031, 0.3099, 0.3065



17.5219, 0.3176, 0.3268



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2999, 0.3250, 0.3237



71.3723, 0.3279, 0.3225



42.7473, 0.3279, 0.3347



9.0460, 0.3252, 0.3236



7.1545, 0.5943, 0.3048



0.2621, 0.5208, 0.2643

Inverse Universe

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



41.2999, 0.3250, 0.3237



71.3723, 0.3279, 0.3225



44.7853, 0.2987, 0.3232



9.0460, 0.3252, 0.3236



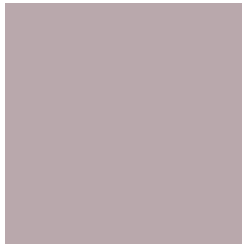
7.1545, 0.5943, 0.3048



0.2621, 0.5208, 0.2643

Previews

White Background



This preview shows how the Yxy color 41.2981, 0.3250, 0.3237 looks on a white background.

Color Contrast Check

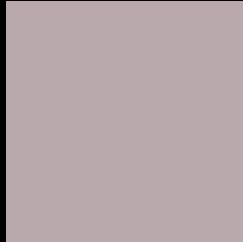
Large Text (above 18pt) WCAG AA × Fail

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 41.2981, 0.3250, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

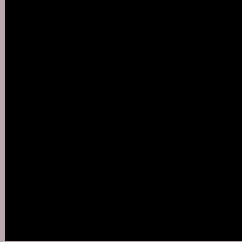
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2981, 0.3250, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 41.2981, 0.3250, 0.3237.



This preview shows how white text looks on a background with the Yxy color 41.2981, 0.3250, 0.3237.

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

41.2981, 0.3250, 0.3237

Protanopia

41.2958, 0.3138, 0.3249

Deuteranopia

41.4348, 0.3288, 0.3225



Tritanopia

41.3718, 0.3190, 0.3120

Trichromacy



Original Color

41.2981, 0.3250, 0.3237

Protanomaly

41.3503, 0.3184, 0.3250

Deuteranomaly

41.3074, 0.3279, 0.3225

Tritanomaly

41.2509, 0.3216, 0.3159

Monochromacy



Original Color

41.2981, 0.3250, 0.3237

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9872, 0.3173, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2981, 0.3250, 0.3237 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(185, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 168, 172)  
}
```

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(185, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 168, 172) }
```

Border

The CSS property to change the border of an element to Yxy 41.2981, 0.3250, 0.3237 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(185, 168, 172) }
```

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

```
.border{ border-color:rgb(185, 168, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 168, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 168, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 168, 172);  
box-shadow:4px 4px 4px 4px rgb(185, 168,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2981, 0.3250, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 168, 172) }
```

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

```
.background{ background-color: rgb(185,  
168, 172) }
```

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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