

Converting Colors

$Y_{xy}(40.7068, 0.3141, 0.2992)$

Have a look what the booklet for
Yxy(40.7068, 0.3141, 0.2992)
contains.

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Color

Yxy(40.7036, 0.3141, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	BBA4BB
RGB	187, 164, 187
RGB Percent	73%, 64%, 73%
CMY	0.2668, 0.3568, 0.2667
CMYK	0.00, 0.12, 0.00, 0.27
HSL	300°, 14%, 69%
HSV	300°, 12%, 73%
XYZ	42.7306, 40.7036, 52.6072
YIQ	173.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

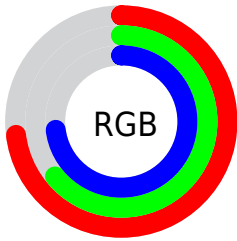
Format	Color
R_{YB}	187, 164, 187
Decimal	12297403
CIE _{Lab}	69.97, 12.48, -8.72
CIE _{LCh}	70, 15.225, 325.074
Yxy	40.7036, 0.3141, 0.2992
Android (android.graphics.Color)	4290487483 (0xFFBBA4BB)
YUV	173.4990, 6.6560, 11.8404
Hunter-Lab	63.7994, 7.9042, -4.2294

Details

The Yxy color $40.7036, 0.3141, 0.2992$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.1101, 0.3112, 0.3607$, and the grayscale version is $42.0190, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1888, 0.3139, 0.3047$, and $18.3779, 0.3145, 0.2901$ is the 20% darker color. If you saturate the color by 10%, you get $34.4951, 0.3152, 0.2744$, and if you desaturate by 10%, it is $47.8996, 0.3130, 0.3236$.

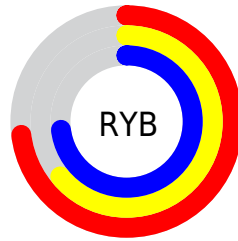
Distribution



Red (73%)

Green (64%)

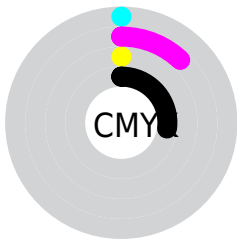
Blue (73%)



Red (73%)

Yellow (64%)

Blue (73%)

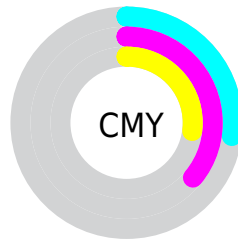


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7036, 0.3141, 0.2992 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 40.7036, 0.3141, 0.2992 by changing the saturation by 10% instead.


 40.7036, 0.3141,
0.2992


 40.7036, 0.3141,
0.2992


349.0803, 0.3135,
0.3141

 28.0876, 0.3142,
0.2955


 76.2337, 0.3139,
0.3046

 18.3917, 0.3143,
0.2907


 99.9166, 0.3139,
0.3067

 11.2316, 0.3144,
0.2843


128.0573, 0.3138,
0.3084

 6.2228, 0.3144,
0.2754

161.0400, 0.3137,
0.3099

 2.9810, 0.3143,
0.2622

199.2493, 0.3137,
0.3111

 1.1218, 0.3136,
0.2403


243.0695, 0.3136,


 0.0000, 0.3323,


0.3122


0.0000

292.8851, 0.3136,
0.3132


 0.0000, 0.0000,
0.0000


 40.7036, 0.3141,
0.2992


 40.7036, 0.3141,
0.2992

 34.4951, 0.3152,
0.2744


 47.8996, 0.3130,
0.3236

 29.2259, 0.3164,
0.2500

 56.1180, 0.3119,
0.3470


 24.8521, 0.3175,
0.2267

 65.3984, 0.3109,
0.3691

 21.3238, 0.3184,
0.2056

 75.7767, 0.3099,
0.3896

 18.5864, 0.3193,
0.1874

 85.6755, 0.3091,
0.4060

■ 16.5790, 0.3199,
0.1730

■ 85.6771, 0.3091,
0.4060

■ 15.2316, 0.3204,
0.1628

■ 85.6786, 0.3091,
0.4060

■ 14.4609, 0.3206,
0.1567

■ 85.6802, 0.3092,
0.4060

■ 14.1338, 0.3208,
0.1541

■ 85.6818, 0.3092,
0.4060

Harmonies

Analogous

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



40.7036, 0.2924, 0.2922



40.7036, 0.3141, 0.2992



40.7036, 0.3361, 0.3135

Triad

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



40.7036, 0.3141, 0.2992



40.7036, 0.3495, 0.3639



40.7036, 0.2749, 0.3241

Complementary

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



40.7036, 0.3141, 0.2992



46.1101, 0.3112, 0.3607

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.



40.7036, 0.2893, 0.3450



40.7036, 0.3141, 0.2992



40.7036, 0.3322, 0.3685

Square

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



40.7036, 0.3141, 0.2992



40.7036, 0.3569, 0.3502



40.7036, 0.3101, 0.3616



40.7036, 0.2704, 0.3056

Rectangle

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



40.7036, 0.3141, 0.2992



40.7036, 0.3477, 0.3255



40.7036, 0.3101, 0.3616



40.7036, 0.2787, 0.3311

Sweetspot

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



40.7054, 0.3141, 0.2992



83.3752, 0.3132, 0.3193



38.1766, 0.2935, 0.2978



18.1370, 0.3133, 0.3174



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.



40.7054, 0.3141, 0.2992



69.4435, 0.3144, 0.2919



40.2502, 0.3238, 0.3134



9.6960, 0.3138, 0.3064



9.7406, 0.3208, 0.1541



0.3817, 0.3208, 0.1541

Inverse Universe

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



39.8018, 0.3346, 0.3290



67.4752, 0.3408, 0.3291



46.5272, 0.3029, 0.3451



9.5365, 0.3288, 0.3290



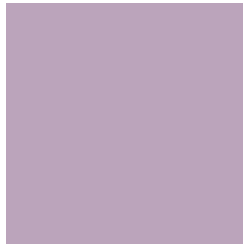
7.2795, 0.6400, 0.3299



0.2852, 0.6397, 0.3297

Previews

White Background



This preview shows how the Yxy color 40.7036, 0.3141, 0.2992 looks on a white background.

Color Contrast Check

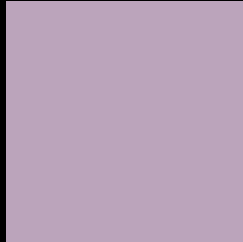
Large Text (above 18pt) WCAG AA × Fail

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 40.7036, 0.3141, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

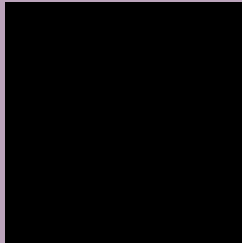
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7036, 0.3141, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 40.7036, 0.3141, 0.2992.



This preview shows how white text looks on a background with the Yxy color 40.7036, 0.3141, 0.2992.

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

40.7036, 0.3141, 0.2992

Protanopia

40.8359, 0.2939, 0.3006

Deuteranopia

40.6840, 0.3086, 0.3013



Tritanopia

40.5637, 0.3210, 0.3119

Trichromacy



Original Color

40.7036, 0.3141, 0.2992

Protanomaly

40.8369, 0.3007, 0.2997

Deuteranomaly

40.5654, 0.3104, 0.3001

Tritanomaly

40.6856, 0.3183, 0.3080

Monochromacy



Original Color

40.7036, 0.3141, 0.2992

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.4288, 0.3132, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7036, 0.3141, 0.2992 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(187, 164, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 164, 187)  
}
```

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(187, 164, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 164, 187) }
```

Border

The CSS property to change the border of an element to Yxy 40.7036, 0.3141, 0.2992 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(187, 164, 187) }
```

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

```
.border{ border-color:rgb(187, 164, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 164, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 164, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 164, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 164,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7036, 0.3141, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 164, 187) }
```

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

```
.background{ background-color: rgb(187,  
164, 187) }
```

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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