

Converting Colors

$Y_{xy}(40.6072, 0.3286, 0.3141)$

Have a look what the booklet for
Yxy(40.6072, 0.3286, 0.3141)
contains.

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Color

Yxy(40.7224, 0.3284, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	BFA4AF
RGB	191, 164, 175
RGB Percent	75%, 64%, 69%
CMY	0.2511, 0.3568, 0.3137
CMYK	0.00, 0.14, 0.08, 0.25
HSL	336°, 17%, 70%
HSV	336°, 14%, 75%
XYZ	42.4952, 40.7224, 46.1831
YIQ	173.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

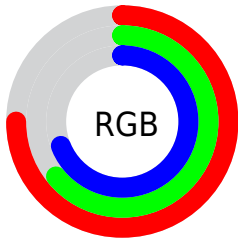
Format	Color
RYB	191, 164, 175
Decimal	12559535
CIELab	69.98, 11.72, -2.03
CIELCh	70, 11.895, 350.191
Yxy	40.7224, 0.3284, 0.3147
Android (android.graphics.Color)	4290749615 (0xFFBFA4AF)
YUV	173.3270, 0.8248, 15.4992
Hunter-Lab	63.8141, 7.1923, 1.7609

Details

The Yxy color $40.7224, 0.3284, 0.3147$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $48.4391, 0.2993, 0.3438$, and the grayscale version is $41.9556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.3327, 0.3262, 0.3179$, and $18.3368, 0.3322, 0.3094$ is the 20% darker color. If you saturate the color by 10%, you get $33.9677, 0.3424, 0.3039$, and if you desaturate by 10%, it is $48.5443, 0.3169, 0.3250$.

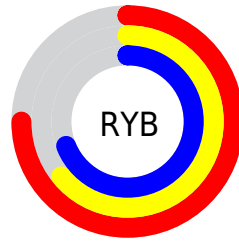
Distribution



Red (75%)

Green (64%)

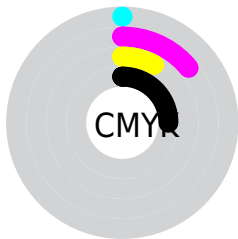
Blue (69%)



Red (75%)

Yellow (64%)

Blue (69%)

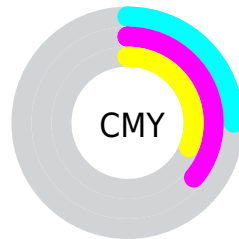


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7224, 0.3284, 0.3147 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 40.7224, 0.3284, 0.3147 by changing the saturation by 10% instead.


 40.7224, 0.3284,
0.3147

 40.7224, 0.3284,
0.3147


349.1591, 0.3204,
0.3220

 28.1022, 0.3304,
0.3129


 76.2623, 0.3255,
0.3174

 18.4027, 0.3331,
0.3105


 99.9508, 0.3244,
0.3184

 11.2395, 0.3367,
0.3073


128.0976, 0.3235,
0.3192

 6.2282, 0.3418,
0.3027

161.0871, 0.3227,
0.3199

 2.9843, 0.3497,
0.2957

199.3035, 0.3220,
0.3205

 1.1236, 0.3635,
0.2837


243.1314, 0.3214,

 0.0000, 0.6709,

0.3211

0.0000

292.9551, 0.3209,
0.3215


 0.0000, 0.0000,
0.0000


 40.7224, 0.3284,
0.3147

 40.7224, 0.3284,
0.3147

 33.9677, 0.3424,
0.3039

 48.5443, 0.3169,
0.3250


 28.2283, 0.3593,
0.2930

 57.4717, 0.3074,
0.3346


 23.4560, 0.3794,
0.2823

 67.5475, 0.2996,
0.3434

 19.5967, 0.4030,
0.2727

 78.8108, 0.2932,
0.3516

 16.5905, 0.4297,
0.2653

 88.3937, 0.2876,
0.3544

■ 14.3708, 0.4590,
0.2612

■ 89.0555, 0.2818,
0.3419

■ 12.8605, 0.4893,
0.2616

■ 89.7593, 0.2761,
0.3298

■ 11.9667, 0.5186,
0.2672

■ 89.8132, 0.2757,
0.3289

■ 11.6218, 0.5351,
0.2722

Harmonies

Analogous

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



40.7224, 0.3110, 0.3041



40.7224, 0.3284, 0.3147



40.7224, 0.3418, 0.3290

Triad

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



40.7224, 0.3284, 0.3147



40.7224, 0.3306, 0.3597



40.7224, 0.2794, 0.3129

Complementary

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



40.7224, 0.3284, 0.3147



48.4391, 0.2993, 0.3438

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.



40.7224, 0.2844, 0.3280



40.7224, 0.3284, 0.3147



40.7224, 0.3137, 0.3557

Square

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



40.7224, 0.3284, 0.3147



40.7224, 0.3430, 0.3550



40.7224, 0.2968, 0.3439



40.7224, 0.2831, 0.3028

Rectangle

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



40.7224, 0.3284, 0.3147



40.7224, 0.3464, 0.3389



40.7224, 0.2968, 0.3439



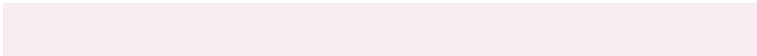
40.7224, 0.2802, 0.3175

Sweetspot

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



40.7242, 0.3284, 0.3147



87.0509, 0.3168, 0.3250



39.9882, 0.3042, 0.2935



18.8658, 0.3176, 0.3243



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.



40.7242, 0.3284, 0.3147



68.9427, 0.3325, 0.3114



41.1209, 0.3380, 0.3320



9.5992, 0.3226, 0.3197



7.6550, 0.5317, 0.2703



0.3129, 0.4693, 0.2359

Inverse Universe

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



40.7242, 0.3284, 0.3147



68.9427, 0.3325, 0.3114



47.9328, 0.2914, 0.3260



9.5992, 0.3226, 0.3197



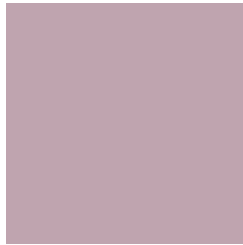
7.6550, 0.5317, 0.2703



0.3129, 0.4693, 0.2359

Previews

White Background



This preview shows how the Yxy color 40.7224, 0.3284, 0.3147 looks on a white background.

Color Contrast Check

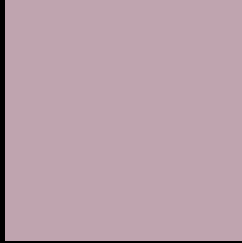
Large Text (above 18pt) WCAG AA × Fail

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 40.7224, 0.3284, 0.3147 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 40.7224, 0.3284, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 40.7224, 0.3284, 0.3147.



This preview shows how white text looks on a background with the Yxy color 40.7224, 0.3284, 0.3147.

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

40.7224, 0.3284, 0.3147

Protanopia

40.7748, 0.3070, 0.3167

Deuteranopia

40.8067, 0.3235, 0.3171



Tritanopia

40.8016, 0.3266, 0.3121

Trichromacy



Original Color

40.7224, 0.3284, 0.3147

Protanomaly

40.8033, 0.3143, 0.3156

Deuteranomaly

40.6968, 0.3255, 0.3159

Tritanomaly

40.7619, 0.3275, 0.3134

Monochromacy



Original Color

40.7224, 0.3284, 0.3147

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5087, 0.3184, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7224, 0.3284, 0.3147 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, 164, 175)` looks like.

```
.text, #text, p{  
    color:rgb(191, 164, 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(191, 164, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 164, 175) }
```

Border

The CSS property to change the border of an element to Yxy 40.7224, 0.3284, 0.3147 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, 164, 175) }
```

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

```
.border{ border-color:rgb(191, 164, 175) }
```

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

Here you see how a box with a 4 pixel rgb(191, 164, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 164, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 164, 175);  
box-shadow:4px 4px 4px 4px rgb(191, 164,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7224, 0.3284, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 164, 175) }
```

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

```
.background{ background-color: rgb(191,  
164, 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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