

Converting Colors

$Y_{xy}(40.1952, 0.3324, 0.3147)$

Have a look what the booklet for
Yxy(40.1952, 0.3324, 0.3147)
contains.

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Color

Yxy(40.1952, 0.3324, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	C1A2AD
RGB	193, 162, 173
RGB Percent	76%, 64%, 68%
CMY	0.2432, 0.3647, 0.3214
CMYK	0.00, 0.16, 0.10, 0.24
HSL	339°, 20%, 70%
HSV	339°, 16%, 76%
XYZ	42.4559, 40.1952, 45.0743
YIQ	172.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

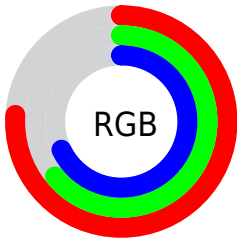
Format	Color
R_{YB}	193, 162, 173
Decimal	12690093
CIE _{Lab}	69.61, 13.21, -1.46
CIE _{LCh}	70, 13.290, 353.707
Yxy	40.1952, 0.3324, 0.3147
Android (android.graphics.Color)	4290880173 (0xFFC1A2AD)
YUV	172.5230, 0.2352, 17.9583
Hunter-Lab	63.3997, 8.5840, 2.2273

Details

The Yxy color **40.1952, 0.3324, 0.3147** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1924, 0.2964, 0.3438**, and the grayscale version is **41.5282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5511, 0.3292, 0.3179**, and **18.0213, 0.3379, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **33.4523, 0.3482, 0.3052**, and if you desaturate by 10%, it is **48.0299, 0.3194, 0.3238**.

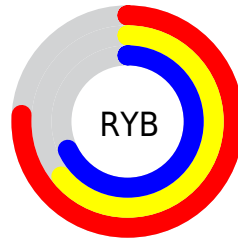
Distribution



Red (76%)

Green (64%)

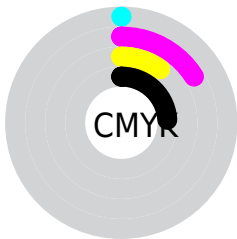
Blue (68%)



Red (76%)

Yellow (64%)

Blue (68%)

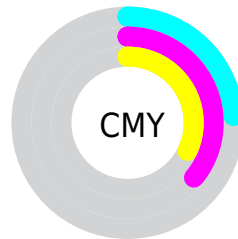


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (24%)



Cyan (24%)

Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1952, 0.3324, 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 40.1952, 0.3324, 0.3147 by changing the saturation by 10% instead.


 40.1952, 0.3324,
0.3147


 40.1952, 0.3324,
0.3147


346.9456, 0.3223,
0.3220

 27.6908, 0.3350,
0.3128


 75.4607, 0.3287,
0.3174

 18.0927, 0.3384,
0.3104


 98.9905, 0.3273,
0.3184

 11.0166, 0.3429,
0.3072


126.9642, 0.3262,
0.3192

 6.0780, 0.3495,
0.3025

159.7663, 0.3252,
0.3199

 2.8926, 0.3596,
0.2954

197.7811, 0.3243,
0.3205

 1.0759, 0.3775,
0.2829

241.3930, 0.3236,

 0.0000, 0.8374,

0.3211

0.0000

290.9863, 0.3229,
0.3216

0.0000, 0.0000,
0.0000

40.1952, 0.3324,
0.3147

40.1952, 0.3324,
0.3147

33.4523, 0.3482,
0.3052

48.0299, 0.3194,
0.3238

27.7471, 0.3674,
0.2956

56.9965, 0.3088,
0.3323

23.0291, 0.3903,
0.2864

67.1398, 0.3001,
0.3401

19.2413, 0.4170,
0.2784

78.5005, 0.2929,
0.3474

16.3210, 0.4474,
0.2727

88.8641, 0.2869,
0.3503

■ 14.1974, 0.4802,
0.2705

■ 89.6085, 0.2805,
0.3368

■ 12.7885, 0.5134,
0.2729

■ 90.0760, 0.2768,
0.3289

■ 11.9906, 0.5445,
0.2803

■ 11.7621, 0.5561,
0.2837

Harmonies

Analogous

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



40.1952, 0.3131, 0.3023



40.1952, 0.3324, 0.3147



40.1952, 0.3466, 0.3309

Triad

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



40.1952, 0.3324, 0.3147



40.1952, 0.3307, 0.3635



40.1952, 0.2755, 0.3092

Complementary

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



40.1952, 0.3324, 0.3147



49.1924, 0.2964, 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.



40.1952, 0.2799, 0.3256



40.1952, 0.3324, 0.3147



40.1952, 0.3114, 0.3579

Square

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



40.1952, 0.3324, 0.3147



40.1952, 0.3455, 0.3592



40.1952, 0.2929, 0.3438



40.1952, 0.2806, 0.2987

Rectangle

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



40.1952, 0.3324, 0.3147



40.1952, 0.3510, 0.3419



40.1952, 0.2929, 0.3438



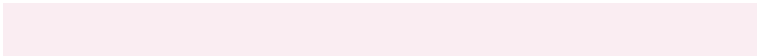
40.1952, 0.2759, 0.3142

Sweetspot

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



40.1970, 0.3324, 0.3147



87.5107, 0.3183, 0.3246



39.5920, 0.3042, 0.2885



18.5437, 0.3191, 0.3240



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.



40.1970, 0.3324, 0.3147



67.8751, 0.3372, 0.3117



41.2668, 0.3418, 0.3345



10.1358, 0.3234, 0.3208



7.8382, 0.5527, 0.2819



0.3519, 0.4904, 0.2475

Inverse Universe

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



40.1970, 0.3324, 0.3147



67.8751, 0.3372, 0.3117



47.8656, 0.2885, 0.3234



10.1358, 0.3234, 0.3208



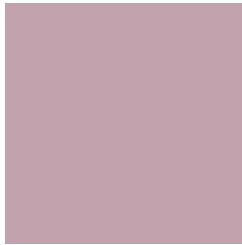
7.8382, 0.5527, 0.2819



0.3519, 0.4904, 0.2475

Previews

White Background



This preview shows how the Yxy color 40.1952, 0.3324, 0.3147 looks on a white background.

Color Contrast Check

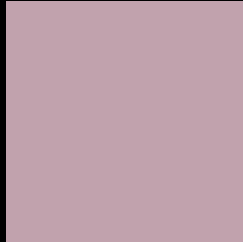
Large Text (above 18pt) WCAG AA × Fail

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 40.1952, 0.3324, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

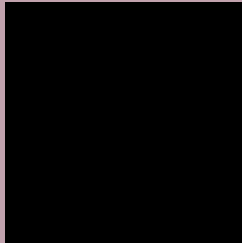
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1952, 0.3324, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 40.1952, 0.3324, 0.3147.



This preview shows how white text looks on a background with the Yxy color 40.1952, 0.3324, 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

40.1952, 0.3324, 0.3147

Protanopia

40.2082, 0.3078, 0.3180

Deuteranopia

40.3279, 0.3263, 0.3197



Tritanopia

40.2341, 0.3315, 0.3135

Trichromacy



Original Color

40.1952, 0.3324, 0.3147

Protanomaly

39.9907, 0.3161, 0.3155

Deuteranomaly

40.3483, 0.3293, 0.3185

Tritanomaly

40.2341, 0.3315, 0.3135

Monochromacy



Original Color

40.1952, 0.3324, 0.3147

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0964, 0.3194, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1952, 0.3324, 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(193, 162, 173)` looks like.

```
.text, #text, p{  
    color:rgb(193, 162, 173)  
}
```

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(193, 162, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 162, 173) }
```

Border

The CSS property to change the border of an element to Yxy 40.1952, 0.3324, 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(193, 162, 173) }
```

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

```
.border{ border-color:rgb(193, 162, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 162, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 162, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 162, 173);  
box-shadow:4px 4px 4px 4px rgb(193, 162,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1952, 0.3324, 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(193, 162, 173) }
```

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

```
.background{ background-color: rgb(193,  
162, 173) }
```

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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