

Converting Colors

Yxy(41.9474, 0.3297, 0.3483)

Have a look what the booklet for
Yxy(41.9474, 0.3297, 0.3483)
contains.

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Color

Yxy(41.9740, 0.3300, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	B3AD9F
RGB	179, 173, 159
RGB Percent	70%, 68%, 62%
CMY	0.2981, 0.3215, 0.3764
CMYK	0.00, 0.03, 0.11, 0.30
HSL	42°, 12%, 66%
HSV	42°, 11%, 70%
XYZ	39.7915, 41.9740, 38.8148
YIQ	173.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

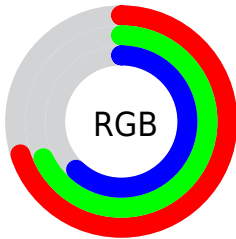
Format	Color
RYB	168, 179, 159
Decimal	11775391
CIELab	70.85, -0.32, 7.94
CIElCh	71, 7.942, 92.339
Yxy	41.9740, 0.3300, 0.3481
Android (android.graphics.Color)	4289965471 (0xFFB3AD9F)
YUV	173.1980, -6.9996, 5.0884
Hunter-Lab	64.7873, -3.7456, 9.8299

Details

The Yxy color **41.9740, 0.3300, 0.3481** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5398, 0.2956, 0.3091**, and the grayscale version is **41.9296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0040, 0.3267, 0.3438**, and **19.1931, 0.3344, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **39.3825, 0.3470, 0.3660**, and if you desaturate by 10%, it is **44.7418, 0.3144, 0.3309**.

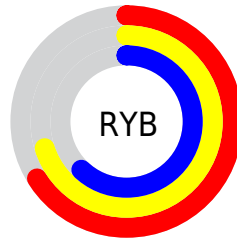
Distribution



Red (70%)

Green (68%)

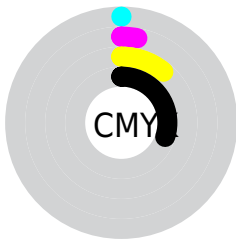
Blue (62%)



Red (66%)

Yellow (70%)

Blue (62%)

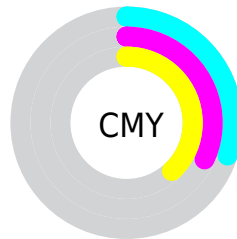


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (30%)



Cyan (30%)


Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9740, 0.3300, 0.3481 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 41.9740, 0.3300, 0.3481 by changing the saturation by 10% instead.


 41.9740, 0.3300,
0.3481


 41.9740, 0.3300,
0.3481

354.3751, 0.3212,
0.3384

 29.0809, 0.3322,
0.3506


 78.1603, 0.3268,
0.3445

 19.1421, 0.3352,
0.3538


 102.2223, 0.3256,
0.3432

 11.7730, 0.3391,
0.3582


130.7760, 0.3246,
0.3421

 6.5893, 0.3447,
0.3644

164.2060, 0.3237,
0.3411

 3.2066, 0.3532,
0.3739

202.8964, 0.3229,
0.3403

 1.2405, 0.3696,
0.3922

247.2319, 0.3223,

 0.0944, 0.4643,

0.3396

0.5357

297.5966, 0.3217,
0.3389

0.0000, 0.0000,
0.0000

41.9740, 0.3300,
0.3481

41.9740, 0.3300,
0.3481

39.3825, 0.3470,
0.3660

44.7418, 0.3144,
0.3309

36.9569, 0.3654,
0.3842

47.6849, 0.3003,
0.3147

34.6940, 0.3847,
0.4021

50.8095, 0.2876,
0.2996

32.5884, 0.4046,
0.4188

54.1197, 0.2763,
0.2856

30.6341, 0.4243,
0.4335

57.6196, 0.2662,
0.2728

■ 28.8246, 0.4430,
0.4450

■ 60.5557, 0.2632,
0.2724

■ 27.1527, 0.4598,
0.4523

■ 63.1692, 0.2640,
0.2787

■ 25.6099, 0.4738,
0.4548

■ 65.8716, 0.2647,
0.2850

■ 24.3388, 0.4841,
0.4538

■ 68.6638, 0.2654,
0.2912

Harmonies

Analogous

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



41.9740, 0.3351, 0.3423



41.9740, 0.3300, 0.3481



41.9740, 0.3203, 0.3487

Triad

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



41.9740, 0.3300, 0.3481



41.9740, 0.2919, 0.3242



41.9740, 0.3164, 0.3148

Complementary

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



41.9740, 0.3300, 0.3481



37.5398, 0.2956, 0.3091

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.



41.9740, 0.3049, 0.3101



41.9740, 0.3300, 0.3481



41.9740, 0.2909, 0.3152

Square

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



41.9740, 0.3300, 0.3481



41.9740, 0.2984, 0.3348



41.9740, 0.2956, 0.3102



41.9740, 0.3272, 0.3232

Rectangle

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



41.9740, 0.3300, 0.3481



41.9740, 0.3126, 0.3461



41.9740, 0.2956, 0.3102



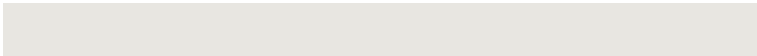
41.9740, 0.3125, 0.3128

Sweetspot

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



41.9758, 0.3300, 0.3481



79.1787, 0.3173, 0.3341



37.1033, 0.3267, 0.3208



17.4525, 0.3185, 0.3355



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.9758, 0.3300, 0.3481



74.2035, 0.3334, 0.3517



43.8536, 0.3255, 0.3563



9.4681, 0.3270, 0.3449



17.3189, 0.4832, 0.4545



0.6411, 0.4616, 0.4717

Inverse Universe

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



37.5398, 0.2956, 0.3091



64.9199, 0.2923, 0.3052



35.8462, 0.2991, 0.3008



8.6316, 0.2985, 0.3126



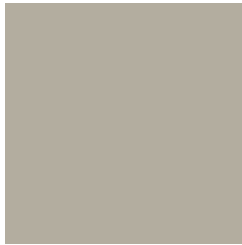
4.2422, 0.1617, 0.1021



0.2383, 0.1780, 0.1607

Previews

White Background



This preview shows how the Yxy color 41.9740, 0.3300, 0.3481 looks on a white background.

Color Contrast Check

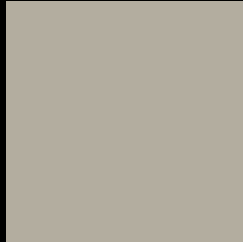
Large Text (above 18pt) WCAG AA × Fail

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 41.9740, 0.3300, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

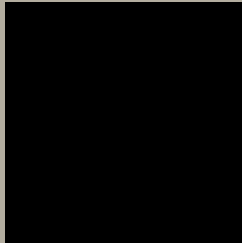
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9740, 0.3300, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 41.9740, 0.3300, 0.3481.



This preview shows how white text looks on a background with the Yxy color 41.9740, 0.3300, 0.3481.

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

41.9740, 0.3300, 0.3481

Protanopia

42.0936, 0.3310, 0.3481

Deuteranopia

41.7776, 0.3454, 0.3382



Tritanopia

41.7399, 0.3127, 0.3105

Trichromacy



Original Color

41.9740, 0.3300, 0.3481

Protanomaly

42.0936, 0.3310, 0.3481

Deuteranomaly

41.7328, 0.3393, 0.3410

Tritanomaly

41.6292, 0.3193, 0.3237

Monochromacy



Original Color

41.9740, 0.3300, 0.3481

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8283, 0.3187, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9740, 0.3300, 0.3481 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(179, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 159)  
}
```

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(179, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.9740, 0.3300, 0.3481 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(179, 173, 159) }
```

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

```
.border{ border-color:rgb(179, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9740, 0.3300, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 159) }
```

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

```
.background{ background-color: rgb(179,  
173, 159) }
```

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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